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Unlicensed broadcast stations operating within a da
(white areas) are among those most likely to be fo
York office electronics engineer Judah Mansbach
WHOT. WENJ fell last summer; WKIL, in Septem

Despite FCC enforcement activities, pirate broadcast
as indicated by reception reports submitted to ACE

DIALOGS

WELCOME to the March 1990 ACE. Our bulletin this month is an expanded issue; we are presenting several larger columns and special features this month. As the cover sheet depicts, (cover courtesy of Don Bishop) there have been quite a few FCC enforcement actions lately. Just received at ACE headquarters was the news that Zodiac Radio was visited by enforcement agents and was put off the air. More on this late-breaking news as it becomes available.

I was pleased to meet many ACE members at the Winter SWL Festival in Kulpsville, PA. Bob Brown is to be commended for his work with the Festival; its attendance has been growing each year. If any ACE members are planning to attend the Dayton Hamfest, drop me a note. The SWL Forum will be held on Saturday, April 28 from 11:15 to 12:45. George Wood, Jonathan Marks and Ben Kobb, Washington correspondent of the W5YI report are scheduled to present. If there is sufficient interest, a mini-ACE convention may be held following this forum.

The annual ANARC convention will be held in Virginia Beach, VA on September 15th & 16th. For registration information, write: ANARC SWL Festival, POB 9645, Norfolk, VA 23505. This meeting will be held in conjunction with the Tidewater Computer and Hamfest, with 5000 attendees expected. It would be advisable to make your reservations in EARLY. Rates for the Radisson Hotel are expected to be \$55/single and \$65/double per night.

The Post Office has started discussing a rate increase of unprecedented magnitude, with the rates expected to be 30 cents per ounce. I have discussed this situation with several of the club representatives at the Winterfest, and we all agreed that there will be no way to keep dues at their current level if this occurs. I am committed to keep costs down, but please understand our situation.

And, now on to the loggings

NORTH AMERICA - MEDIUM WAVE

WJDI: 1620, 1/1, 0100-0115+, SIO=444. Nat'l Anthem at 0100. Rock mx, IDs w/ mention of 2500 watts. Grateful Dead mx. (ROSS,ONT)

NORTH AMERICA - SHORT WAVE

CHGO: 7415, 1/25, *0005-0230*. Marathon bcst w/ lots of rock. Voice audio muffled compared to mx. Long John Silver was DJ. Called everyone "maggot-brained Americans." No QSL info. PSE QSL. (SACHS,IL) (ARRITT,KS) (TROMP,MI) 7410, 1/27, *2334-0145*, SIO=453. Many IDs w/ LJS who is ham op asking listeners to write legislators to allow unlicensed bcsting in allocated bands. Said he monitors intended freq before xmitting, too bad not while xmitting as had severe QRM de WSHB at 0000. Who, Beatles mx. Talk on purpose of CHGO & free radio. Show repeated 0100. Hrd "Also Sprach Zarathustra" & Pachelbel's Canon excerpt. PSE QSL. (COLLINS,WI) (TROMP,MI) (PROVANCE,OH) (RICHOLSON,VA) (SACHS,IL) (ROSS,ONT) (ARRITT,KS via BBS) 7415, 2/3, *0300-0415+, SIO=333. Rptd IDs. Hrd black blues artist. Mentioned something abt a manhole. Off abruptly. Pink Floyd, Beatles, Jefferson Airplane mx. PSE QSL. (PROVANCE,OH) (SMOLINSKI,MD via BBS) (BAXTER,KS)

Fourth of July Radio: See Radio America.

Hope Radio International: 7415, 1/1, 0420+, SIO=423. Occ moron QRMing the bcst w/ comments. Supported Amateur Broadcast Service. Cosby comedy. (HAMPSHIRE via BBS) 7415, 1/8, 0336-0350+, SIO=444. Usual great sig & pgmg featuring Grump Club Comedy bits w/ Carlin material. WV addr. (ALLINSON,NC)

KNBS: 15065, 12/31, 2015-2057, SIO=444. Xmas carols, funny songs. "Radio for the Hemp of it." Relayed by East Coast Pirate Radio. (ROSS,ONT) 7484.3, 2/7, 0104-0111*, SIO=444. Song by Gorky Park. QSL instructions given. (PROVANCE,OH) 7410, 2/9, 1840-1908*, SIO=222. Std pgm; good rock mx & commentary abt drug laws. Hard to copy due to interference. (FULLER,MA) 7410, 2/9, 2332-0008*. Hard rock mx & pro-

pot commentary. Mentioned new QSL cards. (ARTHUR,NY via BBS) (TROMP,MI) 7526.8, 2/11, 0104-0115*. Well-produced show w/ skits & novelty songs. PSA for National Federation of the Blind. "Black Magic Marker" to the tune of "Black Magic Woman." Song "Airhead" dedicated to George Bush & Bill Bennett. New QSLs available via Wellsville. (ZELLER,OH) (TROMP,MI) (ARTHUR,NY via BBS) 7412, 2/11, *2230-2312*. Comments abt certain silly drug laws in various states. Asked listeners to write the Family Council on Drug Awareness for info. Entertaining show w/ different pgmg than 0100 xmsn today. Drug rock songs. 11% of Navy goes to sea, 89% landlocked. Funny town names: Wartville, TN; Pickleville, IA; Stanley, LA; Huxley, LA. Cameo promo ID by Genghis Huxley of V. of Laryngitis. Studio-produced ad for A*C*E. Novelty song "Propane" to the tune of "Cocaine." Much pro-drug commentary. Wellsville addr. (ZELLER,OH) (COLLINS,WI) (RICHOLSON,VA) (HASKINS,OH via BBS) 7412, date?, 2230-2300. Discussion of legalizing pot. NY addr. (FACKLER,FL)

KPLU: 7415, 2/10, 0210-0238*, SIO=444. Computer-like voice on SSB made it hard to copy. Drifted. All Doors mx was real wild in that mode - free bumper sticker if you caught more than Ft. Worth, TX 76121 like I didn't. (COLLINS,WI) 7414, 2/11, 0218+, SIO=444. New one for me. Zappa & Doors mx w/ weird computer generated voice. USB. "Pirate Radio, P.R., P.R. This is KPLU, K-PLU, ..." etc. (TROMP,MI) 7415/7412, 2/11, 0250-0258* & *0305-0335*, SIO=555. Processed voice sounded mechanical. Many IDs. QSL to Box 123082, Ft Worth, TX 76121. Bumper sticker for rpt. When R. Garbanzo s/off on 7412 at 0305, on 7412. Must have hrds Garbanzo s/off & wanted to capture leftover "bean" audience. CW stn soon wiped them out. Due to USB bcst, could not tune away from CW. (BISHOP,KS) 7411, 2/11, 0307-0356+, SIO=343/322. New stn. Frank Zappa mx incl "Don't Eat the Yellow Snow" & jazz mx. OM anncr was a monotone synthesized voice imitation & thus somewhat tough to copy. Offered QSLs & bumper stickers via Box 123082, Ft. Worth, TX 76121. Call might have been KBLU. Mod pretty good for USB, but made it tough to get rid of loud 7413 CW #s between 0315-0341. Many "FFFR" mentions. Clobbered by Israel 7410 at 0356. (ZELLER,OH) 7411, 2/11, *0305-0350+, SIO=444. Same, but w/ CW #s QRM at 0315. (TROMP,MI) 7425, 2/11, 0418-0453+, SIO=222. Same stuff. (TROMP,MI) 7413.9, 2/11, 2220-0240*. Also hrds on 7426.3 0425+. Mx by Doors. Unique IDs using voice synthesizer. Ft Worth addr. When on 7410, obliterated by CW #s. (SACHS,IL)

Pirate Television: 7414, 1/27, *0312-0333*, SIO=544. I got the idea they were on a ship. Came on w/ interview of Mori Povich of "A Current Affair," then into a real ads: Coors, TDK tapes, Gibralter Transmission Svc, followed by a couple of fake ones. At one time, they pulled the plug after a real cable TV ad in which West Chester (IL, OH, PA?) was mentioned. Sounded like abt 5 people in studio, 1 YL who told her parents that she hasn't been abducted & NOT to call the authorities. OM DJs played rock songs (or videos) & "Ballad to Pirate Television." Sure did sound like TV pirate simulcast. Wierd! PSE QSL. (TROMP,MI) 7412v, 1/27, 0313-0334*, SIO=343. Strange pgm. Possible KSWX ID at 0326, but not sure. Rock mx & recorded shows from TV such as "A Current Affair." Coors beer ad recorded off the air. At least 2 in-studio segments recorded by pirate. In one, YL said she was aboard a ship w/ 5 men, but her parents should not worry, as this is how Deborah Norville got her start. VFO badly variable +/- 2 kHz around 7412. I never hrds R. Confusion, but this is what it must have been like! PSE QSL & ID. Mentioned the Wolf Brothers in a studio called the Commodo Center." National Graphics Jacques Cousteau parody. Another possible ID of "Pirate Television PA" at 0322. (ZELLER,OH)

Radio America: 7415, 1/27, 2316-2328*, SIO=344. 6 note instrum IS w/ anncts as "Fourth of July Radio." (PROVANCE,OH) 7415, 1/27, 2318-2327*, SIO=444. Instr mx IS of 1st 6 notes of "Born in the USA." OM says "You're listening to 4th of July Radio, Radio America." Annnd as test bcst. On & off during period. No pgmg or addr. PSE QSL. (ZELLER,OH) 7410, 1/28, *0100-0130*, SIO=222. On over CHGO w/ IS & IDs. DJ was Brent Hessler. Annnd as 1st bcst of stn. Songs by Joan Jettis & Jimmy Buffet. PSE QSL. (PROVANCE,OH) (MEECE,OH via BBS)

Radio Espirito (possible): 7415.5, 1/28, 0253-0329*, SIO=242+/222-. Long xmsn of a capella male chorus singing religious mx in Latin,

possibly Gregorian chant. Very reminiscent of R. Espirito, last hrd in March 1984. Harpsichord mx & cathedral organ mx. Sudden QRT at 0329. No talk entite xmn. PGM QSL. (ZELLER,OH) (ARRITT,KS via BBS) (ROSS,ONT) (RICHOLSON,VA)

Radio Free Willy: 7415, 1/20, *2141 0101*, SIO=555. Rebcst of RNI's 1st night, then went into Dr. Demento show. No ID until end of show. On again *2026-0416*. (TROMP,MI) 7415.7, 1/21, 0027-0052. Hrd "Tracy" & Dr. Demento repeat do AM 1000. Not a live show. Hrd "Streak" by Ray Stevens. Old Dr. D show on old phone # noted. (BAXTER,KS) 7415, 1/21, 0010-0058* & 0206-0510, SIO=555. Great sig. Taped for 3 hrs. Earller bcst was weak - different xmt? Hrd ads for Gucci Bookbag Co., Bastille Exercise Eqmt, Ernatz Bros. Coffee & others. "Live bcst" de Panama. Earl Long dramatization. Best Willy yet! PSE QSL. (BISHOP,KS) 7414.9, 1/21, *0053-0100*, SIO=344. Followed RNI & AM1000 rbcsts on slightly different frequencies. Jazz mx. PSE QSL. (PROVANCE,OH) 7415.4, 1/21, 0206-0511, SIO=222. Firesign theatre bit. Live coverage de Vatican embassy in Panama. "Love Maker" mortar shell - only kills babies & furry animals. (BAXTER,KS) 7415, 1/21, 0220-0309. Jazz mx w/ severe QRM at beginning. Anncd new studio in Biloxie, LA. Song dedicated to 1st basketball game in Springfield, MA. Said to contact favorite pirate outlet for QSL. Ad for Iacoccamobile. Wiped out by CW stn at 0309. (SPOONER,MA) 7415.6, 1/21, 0232-0330+, SIO=444. Rock & blues mx. DJ was Abdul w/ Oman also in studio. Funny ads incl ones for cars & coffee. Prize for 7th caller to 1-800-666-SATAN. Talk abt 80's, Dan Quayle, Noriega, etc. Report to usual outlets for QSL. PSE QSL. (ROSS,ONT) 7415, 1/21, 0302-0348, SIO=333. Ad for Iacocca Mobile by Chrysler followed by car songs incl "Maybelieve." Political promos for Dan Quayle for president. Talk abt "Cardinal" Noriega of Panama. Report from WOMB, Montana. 1992 Campaign talk between Republican Dan Quayle & Democrat Jesus Christ. (MILCZYN,ONT) (WOOTEN,GA via BBS) 7415v, 1/21, 0334-0500+, SIO=444+. Best pirate show I've hrd since the last time they were on. Extremely clever show w/ Abdul & Oman as usual. Endless political parodies, both in rock mx & in sketches. Preview of 1992 campaign of Dan Quayle vs Jesus Christ. Roger Ailes runs Quayle's campaign and produces Willie Horton-style attack ads against Jesus. Long sketch w/ populist Gov. of Louisiana mixed w/ Randy Newman mx. Still affiliated w/ Softball R. Network. QRM at times de #s stn. How abt a mail drop? I'd like to mail a report! PSE QSL. (ZELLER,OH) 7415, 1/21, 0345-0500. Ad for 3rd world burgers, Jesus v. Quayle. Very strong. CW QRM at 0435. CW stn sending "Hi Bill." (BREWER,NM) 7415.2, 1/21, 0444-0509, SIO=323. As above. (PROVANCE,OH)

Radio Garbanzo: 7411, 2/10, 0244-0305*, SIO=322. Entertaining show. Wish I were nearer the E. coast. (COLLINS,WI) 7410, 2/11, 0220-0305*, SIO=455. New pgm w/ usual excellent skits, mx. On at same time as KPLU. (SACHS,IL) 7411, 2/11, 0221-0305*, SIO=555. Best sig & audio I've hrd from them yet. Excellent show as usual. (TROMP,MI) 7411.2, 2/11, 0235-0306*, SIO=343+. Pro-produced show w/ Fearless Fred & Harry Ness. Ad of Int'l House of Chili. Ad for 1990 edition of Pirate Radio Directory (tnx!). Obscure rock. (ZELLER,OH) (ARTHUR,NY via BBS) (BAXTER,KS) 7412, 2/11, 0243-0256. Twilight Zone theme as IS. Fake ads for Master Blaster. Good audio & sig. (HASKINS,OH via BBS) 7410, 2/11, 0255-0305*. Variable sig. Rock mx & anncmnt on AIDS research. Mentioned G. Zeller. (FULLER,MA) (MCCOLMAN,VA via BBS) 7412, 2/11, 0300-0304*, SIO=333. Hrd closing comments & IS w/ explosion. (BISHOP,KS)

Radio Mexico: 7425, 1/1, 0503-0535, SIO=333. EE & SS pop mx. OM DJ w/ SS talk between songs. "Aqui R. Mexico, transmite Mexico." WV addr both in EE & SS. Dipole antenna used. (ROSS,ONT) 7425, 2/18, *2135*, SIO=343. OM anncr (no Mexican accent) w/ several R. Mexico IDs. Longest was "Radio Mexico International." Slanesville addr. No pgming, possibly just a test. (ZELLER,OH)

Radio New York International: 7415.4, 1/20, 2346-0030, SIO=344. Rebcst by R. Free Willy. Legit RNI op said unauthorized rebcst. PSE QSL. (PROVANCE,OH) 7415, 1/21, 0008. Rebcst of RNI. (BREWER,NM)

Radio Oni Goni (Oldie Goldie?): 7425.7, 2/18, 2057-2123*, SIO=242. Pgm of swing mx from 1940's w/ OM anncr. Incl anncmnts for our boys

trying to win WWII. Probably a tape of an actual radio bcst from early 40's, then 14 mins of similar "Moonlight Serenade" 40's radio show w/ OM anncr & orchestra. Chesterfield cigarettes sponsored show. Pirate relay anncmnt by OM at 2109 & 2123. "You're listening to R. Oni Goni; R. Oni Goni calling." No addr. PSE QSL. Also hrd briefly at *2127-2134* See WHBH bust anncmnt. (ZELLER,OH)

Radio Radio: 7415, 2/6, 0200. Hrd 1 Yankovic song before I lost them. SIO=323. PSE QSL. (ARRITT,KS via BBS)

Radio Raoul International: 7425, 2/18, 2205-2219*, SIO=242. OM EE anncr w/ ID, 7 mins of talk by OM synthesized vox that was hard to copy. Said was xmtting de Puerto Rico. 6 mins of slow reading of the addr incl phonetic spelling. Addr: Box 1002, 240 Eamtrcio Street, Mayaguez, Puerto Rico, 00709. Phone # given of (809) 832-4235 (or 4225). Tried both & received SS/EE anncmnts of # not in service. (ZELLER,OH)

Radio USA: 7415, 1/28, 1440-1454, SIO=322. Mr Blue Sky w/ CCR & reading letters. Sounded prerecorded due to comments like "tonight" & "before the decade ends." 100% QSL policy anncd, but then took a dive prior to addr. Fuzzy audio. (ALLINSON,NC) 6928, 2/9, 0142-0146*, SIO=444. Noted on air just after VOM. (TROMP,MI) 7415.7, 2/10, 0157-0210*, SIO=333. Named all of R. USA staff. Mentioned "a word from our sponsor" & off abruptly. (PROVANCE,PA) 7415, 2/10, *0200-0210. On same freq as RTTY stn. Hrd one ad for porta-potty, Miss Scarlett, & Mr. Blue Sky. Carrier stronger than audio. (ARTHUR,NY via BBS) (SACHS,IL) 7415.7, 2/10, 0202-0212*, SIO=343+. Nonstop sketches w/ anncr Mr. Blue Sky. Two skits featured Captain of Exxon Valdez & one had an ambulance chasing attorney. Ad for R. USA Cereal, made w/ peach pits & Elmer's glue. Sudden QRT in mid-sketch. (ZELLER,OH) 6848, 2/10, 0301-0305*, SIO=433. (TROMP,MI) 7375.6, 2/10, 2138-2139*, SIO=343. Test xmsn. 2nd UNID stn came back w/ requests for more info through 2145, but no QSO. Risky to advance announce. (ZELLER,OH) 7376, 2/10, *2229-2239*, SIO=333. QSO w/ Samurai, w/ Samurai barely hrd. (RICHOLSON,VA) 7524.8, 2/10, 2208-2228* (3 separate xmsns during this time) SIO=333. Offered QSL card via Wellsville. Apparent QSO w/ Eddie Currents de Samurai R., but not hrd here. Switched to 7376 at 2228. (RICHOLSON,VA) 7416.6, 2/11, 1417-1418* & *1419-1420-, SIO=332. Rock mx, then power off; stn ID followed w/ more rock mx. Seems to be common to bcst during hour before ANARC net. Audio very muddy. (RICHOLSON,VA) 7417, 2/11, 1425-1433*, SIO=211. (TROMP,MI) 7416.7, 2/18, 2342-2356*, SIO=433. 7th anniv bcst w/ Mr. Blue Sky & YL anncr. Some punk rock. "Mailbag 452" mentioned various listeners. Pirate swimsuit calendar details: features R. F. Burns & Wanda Lust on R. Clandestine ship in bikini briefs, Ms. Charlotte of R. USA on tropical beach dressed only in capacitors, Fearless Fred of R. Garbanzo is Mr. November - he's dressed only in R. Garbanzo QSL sheet. Also promo for Pirate R. Cards. Wellsville addr. Sudden QRT. (ZELLER,OH)

Radio U S of A: 7415, 2/17, *0151-0205*, SIO=343. Discussion of TV shows incl Beverly Hillbillies over rock mx. Some recorded TV ads. "Minnesota" song by Wierd Al Yankovic. ID at 0155: "You're listening to Radio U S of A." Did not fit regular R. USA format or ID so seems different stn. No addr. PSE QSL. (ZELLER,OH)

Radio USA/Samurai R.: 7375.6, 12/30, 2121-2215, SIO=333. Joint bcst by DJs. Gave WV & NY addrs. Also QSO w/ other pirates. (ROSS,ONT)

Samurai Radio: 15054, 2/10, 2002-2100+, SIO=333. Great show w/ Eddie Currents. Said it was a test to Europe w/ 30 to 50 watts. Short cuts from Beatles tunes. Read names of DXer's who have written & their comments. (TROMP,MI) 15054, 2/10, 2018-2056*, SIO=343. Euro test. Mx very clear, but voice quiet. Long letterbox section. Said would be back on this freq. (COLLINS,WI) 15055, 2/10, 2050-2057*. Said were testing freq & would be on later. Song by Toto. (SACHS,IL) 15054, 2/10, 2305-2319. Sig started out S-9 & gradually grew weaker & faded. Said they were using 30 watts into dipole & were targeting Europe. May have been a rotatable dipole due to fast fade. (SACHS,IL)

Secret Mountain Laboratory: 7410, 2/2, 0257-0315+, SIO=434. Several

songs & quick IDs. Very strong for a bit; faded to nothing in 15 min. (COLLINS,WI) 7410.2, 2/3, 0206-0223, SIO=322. Rock mx. Annnd as N. American Service.... Lost under R. Moscow. (RICHOLSON,VA) 7410.2, 2/3, 0210-0229*, SIO=444-222. Annnd as N. American service by usual mellow OM. Slow VL folk/rock/country songs. One narrative reading (poorly copied). Stringed instrument IS at QRT. RTTY below, SS USB Q10M above, thus erratic copy, especially when sig dropped. (ZELLER,OH)

Secret Society Radio: 7410, 1/21, 2244-2309*. Same show as 1/13. (TROMP,MI) 7410, 2/11, 0345-0355. Hrd one clear ID & one song by Jethro Tull. Baltimore addr. At 0355, CW #s stn took out their sig completely. (SACHS,IL) 7411, 2/11, *0348-0400+, SIO=323. Prob. a repeat show, taken over by SWBS at 0400. (TROMP,MI) 7411, 2/11, 1434+, SIO=211. "Desperado DJ" in for Pirate Jim w/ var mx. (TROMP,MI)

Tube Radio: 7411, 2/11, *0400-0445*, SIO=343-222. Rather eclectic stn w/ old/odd stuff & lots of noises. Anncr name possibly Ray Cathode but increasing QRM made copy difficult. Good a beginning but clobbered by unID foreign lang bcstr on 7410 & then by CW #s stn. PSE QSL. (ARTHUR,NY via BBS)

United World Radio: 7485, 1/13, 0423-0433, SIO=333. Rock mx w/ male DJ. Gave Tagar addr. Annnd as 41 m band. (ROSS,ONT)

Voice of the Abnormal: 7415, 2/10, 0317-0357*, SIO=333. Great show w/ obscure mx - very listenable. Python skits & originals. Song "Dumb All Over" dedicated to George Bush. (COLLINS,WI) 7415, 2/11, 0315+. Spam skit by Monty Python. Barnes & Barnes "I Married Momma." Falcon." Yankovich & other Dr. Demento mx. QRM & fading. PSE QSL. (SACHS,IL) (TROMP,MI) (SPURLOCK,TN via BBS) (ARTHUR,NY via BBS) (BAXTER,KS)

Voice of Monotony: 6924.4, 1/28, 0206-0223, SIO=322. Slanesville addr. Novelty songs & ad for self-improvement course. Air pollution song. Clobbered by KKW50. (PROVANCE,OH) 6925, 2/9, 0120-0140*, SIO=333. (TROMP,MI)

WENJ: 7415, 2/3, 0210-0240*, SIO=342. Called phone # & was mentioned on the air abt 15 min later. Rcvd 2 QSLs. (COLLINS,WI) 7416.1v, 2/4, 0104-0241*, SIO=333. Rumors of bust in Radio World Magazine appear false. Jack Beane returns w/ usual oldies & recorded promos, Phone #s of 201-525-7960 or 800-502-1960, with the latter good only in NJ. Annnd several times that they do not use mail drops any longer because a NJ subscriber to Pirate Pages allegedly works for the FCC. Many rpts acknowledged on the air. Denies stn was busted. Some out-of-character rap mx. Solicited rpts to A*C*E, MT & PopComm. Slow drift. (ZELLER,OH) 7415, 2/4, 0105-0242*, SIO=333. Another great show by Jack Beane! (TROMP,MI) 7415, 2/4, 0115-0243*, SIO=211-322. Usual format. Pgm obviously on tape. (MUSSELL via BBS) 7416.3v, 2/4, 0147-0242*, SIO=333. Rock songs w/ frequent ID. Calls acknowledged from various locations. (RICHOLSON,VA) 7416.1, 2/4, 0150-0242. Combination live/taped bcst. Said bust was rumor only. 50's & 60's mx. Live annmcts of those calling in to report. (SACHS,IL) 7415, 2/4, 0200-0240*, SIO=222+. Classic rock. Great pgm! Rpts to phone #s given. 1st time for them. (FULLER,MA) 7415, 2/4, 0210-0240*, SIO=333. DJ Jack Beane playing mostly old rock mx. Discussed "no maildrop" policy. (ROGOVICH,VA) 7415, 2/4, 0220-0240. My first pirate! Oldies w/ Jack Beane, QSL via phone. Excellent signal. (BARBATO,NJ) 7415, 2/4, 0228-0242*, SIO=353. Religious "rap" songs. Asked listeners to send rpts to A*C*E, PopComm & MT. Live TCS & greetings to listeners. (D'ANGELO,PA)

WFRC: 7374v, 1/1, 1951-2120+, SIO=333. Rock mx. OM DJ named Phil Duff. Echo effect on talk. Pirate Jingle. IDs as "WFRC, International Shortwave, rockin' into the 90's." Drifting in freq slightly. "WFRC, your superpower." Songs by Springsteen, Billy Joel, Outsiders, Stones, etc. Still on at 2120. (ROSS,ONT)

WBBH: 7414.5, 12/30, 2350-0004*, SIO=222. Tentative ID. Hillbilly mx by Uncle Dave Macon "In the Good Ole Summer Time," etc. IS on

fiddle. No ID or talk hrd. (ROSS,ONT) 6570.3, 1/18, 1555-1627*, SIO=222. "Howdy there neighbors. This is WHBH Hill Billy Heaven, coming straight to you..." in between every 2-3 country songs, incl version of "John Henry" & "I Want to be Loved." Abrupt off or lost 1627. Annnd as being on the air on ANARC SWL net. PSE QSL. (RICHOLSON,VA) 7428, 1/21, 2250+. Squeaky voiced DJ de "Hillbilly Heaven" w/ all hillbilly mx. (TROMP,MI) 7428, 1/28, 1655-1720+, SIO=343. Hillbilly mx incl "Wabash Cannonball." Several IDs by OM w/ falsetto voice. 1st time I've hrd them in AM. PSE QSL. (ZELLER,OH) 7428.1, 2/4, 1451-1538, SIO=212. Country songs & fiddle mx. On concurrently w/ ANARC SWL net. (RICHOLSON,VA) 7425, 2/4, 1500-1530*, SIO=242. Bagpipe mx & country mx. Low fidelity & modulation levels. (MUSSELL via BBS) 7428.1, 2/11, 2207-2302*, SIO=242. IS of mournful bagpipe mx. Usual bluegrass mx w/ OM falsetto IDs. Rpts to PopComm. (ZELLER,OH) 7428, 2/11, 2235-2258, SIO=323. Usual pgm. On at same time as KNBS on 7411.2; gone at 2300 recheck. PSE QSL. (RICHOLSON,VA) 7425.8, 2/18, 0032-0058, SIO=212. Typical pgm. Hvy QRM de Greece on 7430. (PROVANCE,OH) 7425.7, 2/18, 1654-1836*, SIO=242. Usual banjo mx w/ OM singers in marathon show. OM in falsetto & OM in regular voice w/ song titles. PSE QSL. (ZELLER,OH)

WBBH BUST ANNCT: 7425.7, 2/18, 2154-2156*, SIO=242. OM claiming to be FCC Agent Ellington w/ annct repeated twice: "...R. Oldie Goldie, formerly known as WHBH and Hillbilly Heaven, located in Richmond, Virginia. This stn is unlicensed and therefore is unauthorized. This stn is unlicensed and therefore is unauthorized. This station is closed, this station is closed, this station is off." Seemed to be a legit FCC bust annct. FCC Agent pronounced this R. Oldie Goldie, but sounded like R. Oni Goni in actual 2100 2/18 xmsn. (ZELLER,OH)

WLAR: 7425, 2/3, 2206-2236*, SIO=434. Live xmsn. Commentary on Pebble Beach Pro-Am classic. Rpts read, Dr. Ruth skit, weather rpt. Some skits did not come off due to organizational problems. (FULLER,MA) 7425, 2/3, 2207-2235*, SIO=222. Poor sig & QRM. Too bad. (TROMP,MI) 7425, 2/3, 2218-2235*, SIO=322. Mx. Scratchy audio made reception difficult; hrd telephone call "Hello, you're on the air." Wellsville NY addr. (RICHOLSON,VA) 7425, 2/3, 2220-2236*, SIO=232. Format rather loose. Host was young boy, taking phone calls to "Dr. Ruth," a pseudo-shrink. Hard to copy due to weak sig & QRM. Promo ID by mature voice male at QRT over instrumental rock mx seemed prerecorded. Brief relay of NWS VHF WX de UNID city. (ZELLER,OH)

WLUP Rebroadcast: 7413.5, 1/21, 0030-0050*, SIO=344. Excerpts of Dr. Demento show on AM 1000, WLUP in Chicago. Via R. Free Willy? (PROVANCE,OH)

WEO: 7410, date?, 0510-0515. Rebscting Zodiac Radio. Gave POB 543, Chesapeake Beach, MD 20732 addr. Said call stood for "we echo others." (FACKLER,FL)

WXZR: 7425.5, 2/11, 2124-2206*, SIO=454-444. Pgm interweaves two different formats. Mx is an unusual & distinctive mix of weird progressive, bagpipe & oriental stuff. This portion of show entertaining. Much talk on national disaster caused by the dead rising up and attacking the living. This theme drawn out endlessly by soporific OM anncr. OM tough to copy through echo effect. Some creative IDs by 2 OM & 1 YL. Slanesville addr. Also ID as Meteorological research radio. Outer limits TV show annmcts at QRT. (ZELLER,OH) 7426, 2/11, 2151-2205. ID as WXZR Meteorological research radio. Had bits from sci fi movie. Caught end of bcst. (SACHS,IL)

Zodiac Radio: freq?, 2/16, 0322-0438+. KNBS rebct. Rap parody, then polka/beer hall mx. Mentioned KQRP. Xlnt rebct of Tangerine Radio. (BREWER,NM) 7417, 2/17, 0305-0350. KNBS rebct; ID tape. (PIERCE,CA) 7415, 2/17, 0347-0430fade. Many ID repeats & QSL info to Wellsville drop. Accordion mx. SIO=232. (ARRITT,KS via BBS) 7416, 2/17, 0353-0451. S-9 sig. Big band type mx, then mention of KQRP 7405 bcsting 0200-0400 w/ 1 watt. Short tape relay of Tangerine R. Good to hear ZR again! (RALEIGH,NV) 7416, 2/17, 0353-0420+, SIO=111. Wellsville. Polka mx. Hrd "Good Night Ladies." (BAXTER,KS)

UNIDENTIFIED STATIONS

1620, 1/7, 0413-0435. Weak sig, R&R mx. No ID copied. (SPOONER,MA)
 1620, 1/8, 0407+. Mx & religious stuff. ID not copied. (SPOONER,MA)
 1620, 1/14, 0114-0130. Overmod. Possible 50s mx. (SPOONER,MA)
 1620, 1/15, 0436-0459. Religious talk. (SPOONER,MA)
 6820, 2/3, 0011-0016, SIO=222. Sounded like 2 stns trying to overpower each other. Ghostbusters theme followed by new age rock song. Sig off mid-song. (FULTON,MA)
 6850, 2/4, 2248+, SIO=333. No anncmts w/ Pink Floyd mx. Hrd same thing later on 41m. PSE ID & QSL. (TROMP,MI)
 6850, 2/17, 0306-0319*, SIO=323. Hrd "Take My Breath Away" & "Coward of the County." Long s/off anncmt but no copy due to QRM from bogus Vencaremos jammer. PSE QSL. (PROVANCE,OH)
 6850, 2/17, 0320-0322. Lite pop song, off before end. Familiar lo fi sound. On right at end of fax xman of 2 page document. (COLLINS,WI)
 6850.5, 2/16, 2339-2341*, SIO=343. Several spots for various products by CrapCo, all ending w/ "If you buy this, you'll buy anything." Off abruptly. PSE QSL. (PROVANCE,OH)
 6855, 1/27, 0303-0305*, SIO=232. Eagles "Life in the Fast Lane." (COLLINS,WI)
 7410, 1/27, 0322-0333*, SIO=323. Jacques Costeau skit, parody ads. A look at tech side of radio incl interviews w/ stn personnel. At 0327, sig died & came back at 0330 w/ new age rock mx. S/off at 0333, but ID not copied. Last words: "That's all, thanks a lot." PSE QSL. (FULTON,MA)
 7410, 2/3, 0208-0212, SIO=212. Jefferson Airplane song w/ another 60's song. Sig then lost. (FULTON,MA)
 7411, 2/10, 0005*, SIO=353. Rock mx, then off. No anncmts. (PROVANCE,PA)
 7415, 1/22, 0341-0355, SIO=222. Mostly soft rock. Hrd "Sail Away", "Ain't No Mountain High Enough," etc. Wiped out by CW at 0355. PSE QSL. (FULTON,MA)
 7415, 1/27, 0316. Very weak, rock mx. (ARRITT,KS via BBS)
 7415, 2/2, 0210, SIO=323. Rock mx, then "This is the North American..." (LATHEROW,VA)
 7415, 2/2, 0445-0500*, SIO=343. Tape loop of 3 words, 1 & 3 the same. 5 min later, string of words or #'s in groups of 5 ended w/ a loop of Middle Eastern sounding mx. Ended just before pgm on 7410 (or 7412). (COLLINS,WI)
 7415, 2/10, 1347-1400*, SIO=353. Reggae mx; sig kept cutting out. At 1400 hr OM w/ brief anncmt & off. (PROVANCE,PA)
 7415.1, 2/17, 0302-0304*. Rock mx, then off, back w/ mx & off. No anncmts. (PROVANCE,OH)
 7415.3, 1/21, 0414. Severe QRM de Moscow. (SPOONER,MA)
 7415.5, 2/11, 0117-0121* & *0123-0128*, SIO=433. Swing/dixieland & blues vocal. No talk, ID. Down 200 Hz for 2nd bcst. (ZELLER,OH)
 7415.5, 2/11, 0310-0340, SIO=111. Barely made out carrier & could detect modulation. No flutter & 1/2 Hz offset made me suspect pirate. (BISHOP,KS)
 7416, 2/11, 0100-0130. R. Free Willy? as very strong sig. 30's & 40's jazz. Seemed to be test due to 3 QRTs. (SACHS,IL)
 7416, 2/11, 0322-0330. Stn whispering "pirate radio," followed by ad for drag racing (spoof). Ad for "home for retired tractor pull anncrs." Anncmt for bumper stickers, w/ live voice over anncd (at high speed) a POB w/ 6 digits in Ft. Worth. Off w/ howling dog. Hvy QRM. PSE QSL. (BREWER,NM)
 7416, 2/15, 0109-0130*, SIO=433-. Pgm of rock w/ OM anncr. Some sketches. Hrd live TC. Also apparent phone # but not fully copied despite good sig strength. QRM & significant undermod made for poor copy & thus no ID. (ZELLER,OH)
 7420.6v, 2/18, 1952+. Hrd "Are you ready for the Brother... Welcome to the Pirate Network." Told listeners to tune on in & then "I don't believe this s---" & went off air. Back at 1958 playing some kind of country song. Off & on again at 2007 w/ tape of "Rider's Radio Theatre w/ Cowboy Ray." Lots of static & cowboy mx. Off & on at 2044 w/ EBS test. Hrd voice mention "This is Radio Ohney Gohney." Lost around 2140. (WOOD,OH) [See similar IDed stn in SW section.]
 7420v, 2/18, 2012-2056*, SIO=343. May have been 2 xmtrs. "Riders in the Sky" recorded cowboy/atomic scientist sketch w/ sound effects 2012-2033. (Thx Martha Wood tip.) OM Swiss yodeling, "We Don't Care Where You Go, Turn Your VFO" & more yodeling 2033-2034. Then Kinks rock "Mr. Churchill Says." From 2044-2050, confusing mix of Emergency Bst Test, R. Moscow recording, WWV leap second recording w/ garbled ham call, discussion of time zones in USA & USSR w/ confusing editing

& VOA Oceania Svc s/off. Ends w/ OM blues singer. No ID hr in all of this, but was an entertaining show. Slow drift. (ZELLER,OH)
 7425, 2/10, 2357-0005, SIO=444. Slow, relaxing mx w/ talk of heart rate, meditation, hypnosis, etc. DJ tried to get me to meditate via radio. Didn't work. PSE QSL & ID. (TROMP,MI)(RICHOLSON,VA)
 7474.2, 2/7, 0205*, SIO=353. Just caught WH- Shortwave, CQ. Never came back. (PROVANCE,OH)
 25010, 2/4, 1742-1749*, SIO=151+. Likely Central or South American. Was looking here as WTNU anncd test in advance over ANARC net. Hrd SS pop mx w/ OM singer. Whistles & clicks at end, but seemed genuinely in Latin America, given time, freq & pgm. If so, my first from that region. (ZELLER,OH)
 89.7 MHz, 2/19, 0605-0715. Moderate sig strength. FM stereo sig w/ continuous playing of latest Tom Petty CD. No ID or anncmt. Over last several yrs, have hrds some bcsts on this freq, lasting a couple of hours, usually w/ old disco mx. (RALEIGH,NV)

ELSEWHERE IN THE WORLD

Radio Stella International: 6319.5, 1/21, 0511-0545, SIO=333. Light pop/rock mx. Addr as Jock Wilson, 23 S. Beachwood, Edinburgh, 12, Scotland. Mx by Beatles, Supertramp, Moody Blues, etc. (ROSS,ONT)
 6320, 1/21, 0524-0605, SIO=242. Rock & oldies mx. Mentioned QSLs available through Scotland addr. (D'ANGELO,PA) 6320, 1/28, 0420-0432, SIO=232. Jock Wilson hosting rock mx pgm, playing requests. (D'ANGELO,PA)

PSE QSL

Raymond Arritt, 3129 Tomahawk Dr., Lawrence, KS 66049.
 John Brewer, 7605 Roberts NE, Albuquerque, NM 87109.
 Ben Fuller, 41 Goodings Way, Falmouth, MA 02540.
 Paul Haskins, 2870 Maysville Pike, Zanesville, OH 43701.
 J. McColman, POB 1031, Chesterfield, VA 23832.
 Wes Milczyn, 513-2313 Lake Shore Blvd, W., Toronto, ONT, M8V 1A 8 Canada.
 Terry Provance, 2530 Oakwood Ave., Zanesville, OH 43701-1948.
 Ira Richolson, 1600 South Eads 1030 N, Arlington, VA 22202.
 Chris Smolinski, 40 South Lake Way, Reisterstown, MD 21136.
 D. Spooner, 148 South Street, Westboro, MA 01581.
 Paul Spurlock, 4612 Morrow Rd., Woodlawn, TN 37191.
 Tim Tromp, 1729 Lee Ave., Muskegon, MI 49444.
 Bud Wooten, POB 792, Rossville, GA 30741.

W A N T A D S

WANTED: Good, used xmtr, either Johnson Viking, Viking-Ranger, Heathkit DX100, Yaesu FT101, or similar. Contact Box Holder, POB 6527, Baltimore, MD 21219.
 WANTED: Hammarlund XC-100P crystal calibrator assembly, p/n 9205-00-00021 or info on a source. Also the noise immunizer accessory. Will pay reasonable cost and shipping. Contact John Arthur, RD#1, Box 15A, Belfast, NY 14711.

The ANARC BBS (formerly the ACE BBS) has been suffering from equipment failure. We are currently trying to raise funds for purchase of a replacement hard disk, uninterruptable power supply, and additional software upgrade. If you have used the system, and can help with this fund drive, please send contributions to: ANARC BBS, POB 11201, Shawnee Mission, Kansas 66207. P.S. phone # is (913) 345 1978.

FCC electronics engineers bust pirate broadcasters in four states

FCC engineers have busted pirate stations as new as Secret Society Radio (four months) and as old as WNYS (12 years) to halt their broadcasts on AM, FM and shortwave frequencies.

• **WKIL-FM, Erlanger, Kentucky**--Thomas Cason opened his door to the blazing lights of Cincinnati Channel 9 TV's video camera when the FCC came calling about 10 p.m. on Sept. 29, 1989. In walked FCC Detroit office engineer Steve Makowski; Chief Charles Donnelson and detective captain Ron Romes from the Independence, Kentucky, police; detective Roger Wells from Kenton County, Kentucky's Commonwealth attorney's office; and Channel 9's "videographer" Chic Poppe. When they left, Makowski took Cason's transmitter with him. Cason's \$750 fine was reduced to \$250, according to Cason, known on the air as "Rattlehead."

• **WJPL-FM, Brooklyn, New York**--U.S. Marshal Harley Smith led the way into James Lauria's Brooklyn home at 7:36 p.m. on Nov. 6, 1989. Right behind him was FCC electronics engineer Judah Mansbach, who had traced signals from WJPL's 100-watt, 91.9 MHz FM transmitter to Lauria's house. When Smith and Mansbach left, they carried with them boxfuls of radio and audio equipment. Lauria was not fined.

• **WNYS-AM, West Taghkonic, New York**--Frederick K. Stark thought Jehovah's Witnesses were ringing the doorbell at 2 p.m. on Dec. 17, 1989. It turned out to be FCC electronics engineer Judah Mansbach, who had traced the 100-watt, 1000 kHz WNYS signal to Stark's rural home. Mansbach accepted Stark's word that he would dismantle the transmitter, and took no equipment from the house. Stark, known on the air as "Alex Hazeltine" and "William Mathias," was fined \$1,000.

• **WKND-AM, Pittsburgh**--Ten minutes was all it took for FCC electronics engineer John Rahtes to find Gary Mathews spinning the disks and broadcasting with 25 watts on 1620 kHz as WKND's "Radio Animal." Rahtes and two other engineers had staked out a "radio fix" area pegged by the FCC monitoring station network. When WKND came on the air in the early morning of Feb. 1, Rahtes was surprised to find he had picked a spot near Mathews' house. Mathews was fined \$1,000. Rahtes took with him one AM and one shortwave transmitter.

• **Secret Society Radio shortwave, Floyd, Virginia**--Conrad Clark, "Pirate Jim" of pirate station Secret Society Radio, met FCC engineers A.C. Ellington and J. R. Goodman on Saturday, Feb. 17, at 7 p.m. when they traced an 11-watt 6850 kHz signal to Clark's house. When they left, they took with them a Hallicrafters HT-40 transmitter, a Radio Shack DX-160 receiver, a Yaesu FRG-8800 receiver, an antenna tuner and transmitter crystals. On top of that, Clark was fined \$1,000. Clark seeks donations of money and equipment to offset his loss. His address, which might serve as well for QSL requests, is Rt. 1, Box 75, Indian Valley, VA 24105.

• **WHBH shortwave, Richmond, Virginia**--The next night, Feb. 18 at 5:20 p.m., Ellington and Goodman dropped in at Harold B. Hausenflock's house in Richmond, Virginia, where they found the source of 15-watt 7425 kHz broadcasts of "Hillbilly Radio" and "Oldie-Goldie Radio." Hausenflock, a radio amateur who is blind and disabled, was fined \$1,000. When reached by telephone, his parents said: "We are careful about who we let Harold talk to." Efforts to speak with the pirate station operator have not been successful. It is not known whether the engineers took any station equipment with them when they left.

What pirate broadcasters do to get themselves 'busted'

By Don Bishop
P.O. Box 4075
Overland Park, KS 66204-0075

Pirate broadcasters generally use AM, FM or shortwave frequencies. Dial positions they choose usually are within the FM broadcast band, in or near the AM broadcast band and in or near international shortwave broadcast and amateur radio bands.

Local coverage

Pirate broadcasts made in the 540 kHz to 1600 kHz AM band and in the 88 MHz to 108 MHz FM band normally are intended for local reception.

Some pirates use frequencies just above the AM band, such as 1620 kHz. These frequencies offer local coverage. Occasionally at night, reception is possible over distances of hundreds of miles, thanks to upper atmospheric layers that refract the signals and return them to earth.

These refractions occur on frequencies within the 540 kHz to 1600 kHz band, too, but the band is so crowded that weak pirate signals have little chance of being heard beyond their local areas.

Frequencies just above the AM band currently are relatively clear as they await the authorization of new, licensed broadcast stations sometime after July 1990. Meanwhile, pirate stations on those frequencies suffer little interference.

Regional coverage

The third set of frequencies--shortwave--falls between 3 MHz and 30 MHz. The most popular pirate frequencies lie between 6800 kHz and 6950 kHz, and between 7400 kHz and 7450 kHz. The frequency 7415 kHz, in particular, sees much pirate activity. Atmospheric refractions allow shortwave signals to span great distances. The approximate coverage that may be expected differs according to time of day and frequency, as well as seasonal and other variations.

What 'busted' pirates have in common

The FCC normally does not monitor specific bands on a 24-hour basis. Among the bands that receive the *least* attention are those used for unauthorized shortwave pirate broadcasting. Pirates who get busted generally have one or more characteristics in common:

- (1) They operate for extended periods.
- (2) They operate at regular times.
- (3) They cause interference, either to other radio users or to home entertainment devices or telephones in their neighborhoods.
- (4) They operate within 100 miles or so of FCC field offices.

Whether the FCC levies a fine, seeks to imprison the offender or seizes the station equipment, or a combination, depends upon whether the pirate broadcast:

- (1) represents a repeat of one or more previous violations.

(2) causes interference to licensed services.

(3) causes interference or attracts attention in the neighborhood.

Jail vs. compliance

Imprisonment is rare. As one FCC employee puts it, federal judges are reluctant to jail pirate broadcasters. Prisons already are overcrowded and the pirate broadcasting offense is not considered in the same light as violent, drug-related and other crimes that cause human suffering.

Foremost, the FCC seeks compliance with its regulations. The agency has found that fines and equipment seizures normally are enough to secure compliance.

AM and FM vs. shortwave

AM and FM pirate stations that generate complaints and that are near FCC offices are among those most likely to be busted.

Despite the risk, many pirates operate near FCC offices and where they may generate complaints. They do so because urban areas, where complaints are more likely to be generated, offer a greater potential audience and more gratification for the pirate. Most of the FCC's 35 field offices are in urban areas, too. Most of the 13 FCC offices equipped with long-range direction-finding apparatus are in rural areas.

Shortwave pirate stations have the advantage of being able to cover urban areas from locations great distances away. But shortwave pirate operations conducted near FCC field offices may be traced quickly, just the same, once their broadcasts are monitored.

Areas well served by FCC enforcement

The U.S. map printed in the centerfold shows FCC office locations. White areas represent regions within 100 miles of the offices. FCC engineers can conduct field operations within these approximate areas without the need for an overnight stay.

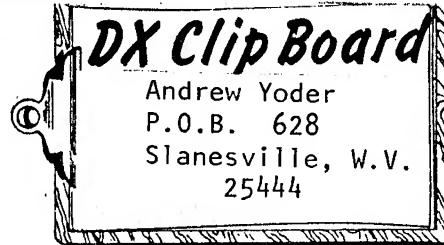
The agency's travel budget is extremely limited. Enforcement actions that require *per diem* travel expenses for overnight trips are avoided unless the chances for success are high. An on-going, regular, predictable, unauthorized radio broadcast activity offers a high probability for successful resolution by a field operation that requires an overnight stay. The FCC also responds to complaints of regular, predictable interference with broadcast reception and radio communications, whether intentional or not.

FCC priorities

The commission's priorities for enforcement are:

- presidential and White House communications.
- communications related to the safety of life and property.
- public safety and commercial communications.
- all others, including interference to broadcast reception and amateur radio communications, and unlicensed transmitters, such as pirate broadcast stations.

Despite the fact that pirate broadcasting falls into the fourth priority for FCC enforcement action, busts do occur. Most of them happen within a day's round trip of an FCC office. Most busts involve pirates with extensive and regular broadcast schedules and whose activities generate complaints. ~~~



Back again after an active month. I don't really feel like BSing about the weather, so I guess I'll get on with it.

Anybody read the article on computer hacking in the latest issue of SPIN? Pretty interesting. Seems like a computer version of pirate radio. So, are any of you ACE readers also computer hackers? I'm interested in hearing from

anyone who is. If yer not, but are interested, try writing 2600 Newsletter, Box 752, Middle Island, NY 11953-0752. I got this add from an old Pop'Com' a few years back, so I hope it's still good.

If you've got questions about WENJ, you're not the only one. I've got no idea what's going on with Jack. He won't respond to my calls or letters.

I really don't have enough info on the subject, but I've been hearing that both Secret Society Radio & WHBH were busted this past weekend. Secret Society was located VERY close to an FCC Field Office and WHBH has been VERY active for extended periods (as much as 2 hours sometimes) so I can understand why it happened. Both these stations were stripped of equipment, leaving only the antennas (as rumor has it). I've got no idea how the FCC can steal a pirate's SW receiver. With that kind of reasoning, it's a wonder they don't take the refrigerator because the food in it gave the pirate the energy to broadcast, the house-cuz that's where the transmitter was, his furniture because that's where he sat when he was on the air, etc.

I've got question. The 7355-7530 kHz range isn't recognized by the ITU for broadcasting is it? If that's the case, then all of the stations broadcasting in it are doing it against international law, right? If I'm wrong, please write me and correct me.

I dunno if you'll get this in time, but the Voice of 7405 sez they'll be on March 2 at 0330 UTC. I'm not sure how 7405 kHz'll be at that time, but it's certainly worth a check.

If you've ordered my book, Pirate Radio Stations, ya probably know that it's way behind schedule with the release date. And no, I have nothing to do with the publishing end of it--it's TAB's baby now. They've had the entire manuscript since Dec. 88, so it's been a while. I'll be selling the book, so if ya wanna buy it, it's \$12.50 paperback or \$20 hardcover (postage paid either way). That's cheaper than anywhere I've seen. They say it's at the printer now, so I should soon be getting the copies in. Make any checks or M.O.s payable to Andrew Yoder.

So, when's Zodiac Radio gonna try 19m, so we can hear him?

Rem to vote in the 1990 pirate popularity poll!! I've heard that not many people have voted yet. C'mon, how 'bout input here! Pirate radio's supposed to've been "big, bold and exciting" over the past year. It wont be that much've a hassle to vote. Just write to: RD#1 Box 15A, Belfast, NY 14711.

WKND Busted

Radio Animal (from WKND) entertained a number of listeners with his broadcasts on February 6 and 7. Unfortunately, most of them were FCC agents. While experimenting with his audio on 1620 kHz, he was being hunted by the FCC. In the middle of a program on the 7th, he received a knock on his window.

The man at the door identified himself as an FCC agent. After reading a "bust" announcement on the air, the agent called the other FCC car and gave him directions to the location. When the other man arrived, Radio Animal gave the agents a tour of the studio, answering any questions they had about the equipment and station history.

"They seemed like really nice guys," said Radio Animal. "The kind you could sit down with a couple of Pepsis and talk to." After the discussion, the agents walked off with the 1620 and 6240 transmitters and reportedly said "just don't do it again. You could get fined next time."

Continued on page 39

Radio Free Willy goes wild with marathon broadcast

By Don Bishop
P.O. Box 4075
Overland Park, KS 66204-0075

Radio Free Willy (RFW) treated pirate broadcast listeners to two broadcasts Jan. 20 (Jan. 21 UTC). One broadcast lasted three hours and displayed an enormous amount of preparation.

Those tuned to the 41-meter band at 7415 kHz from approximately 6 p.m. CST (midnight UTC) to just before 7 p.m. (0100 UTC) heard an initial Radio Free Willy broadcast of Dixieland music. Signal strength and audio clarity in Overland Park was only fair, not like previous RFW receptions Thanksgiving weekend 1989 and Halloween weekend 1988.



Before signing off, the announcer said the station would resume broadcasting an hour later. That gave plenty of time for listeners to telephone one another or post notices on computer bulletin boards. Presumably, the audience for the second broadcast was large, by pirate standards.

Second station involved?

The initial broadcast might have been relayed by a transmitter other than RFW's to prevent radio direction-finding bearings taken during the first

broadcast from being useful in tracing the source of the second. That could account for the different signal qualities between the two broadcasts.

RFW resumed its transmission with chirping bird sound effects at an 8:06 p.m. sign-on. Two Dixieland records played as the carrier was interrupted briefly. An announcement made by station host Abdul followed: "We're back with a vengeance. Radio Free Willy has gone big time."

• *Gucci Bookbag Company*--The first of many spoof commercials played. Apollo D'Conzini pitched high-priced bookbags sold by the Gucci Bookbag Company, Bayonne, New Jersey. "Your initials can be monogrammed on the bag in 2-carat gold," D'Conzini bleated. "That's \$79.95 per bag plus \$5 per letter. Why so expensive? Because we're in New Jersey!" D'Conzini gave the first of three phone numbers announced over RFW: "Place your orders by calling 1-800-BAG-BOOK," he urged.

Rockin'

RFW rocked 41 meters as Abdul spun "Great Balls of Fire" by Jerry Lee Lewis and "Roll Over Beethoven" by Chuck Berry. A girl perhaps seven years old delivered the station ID: "I'm listening to Radio Free Willy."

Abdul: "This is radio at its finest." He said the station was better prepared technically than at any time in its history. "This year's technical innovation," he explained, "is a ceiling we don't bump our heads on." If you can believe what a pirate broadcaster says, you can believe RFW was broadcasting from a mobile studio hurtling along a highway near Mobile, Alabama, on its way to Louisiana, because Abdul said it was.

Abdul marked the 98th anniversary of the first basketball game played in Springfield, Massachusetts, Jan. 20, 1892. Then he played the song, "Take Me To The Old Playground" by [the name sounded like] Bruce Hörnsby.

• *Bastille Exercise Equipment Company*--Sponsor number two took treatment at the hands of announcer Jean Luc LeClaire, who touted the healthful benefits of exercise with the "Squeezinart" as a woman screamed in the background. LeClaire explained: "You'll scream with pleasure." The Squeezinart costs \$159.95, LeClaire said, and it can be ordered by calling the second phone number given by RFW, 1-800-GET-HURT.

Slick arrives

A second program host, Slick, joined Abdul after LeClaire exited. Slick observed the studio then was 30 stories above the swamps of Louisiana. Thus the rolling studio had been making good time on its journey from Mobile and enjoyed an unusual amount of lift compared to most vehicles! The third and last telephone number to be given over RFW was about to be revealed as Abdul and Slick invited listeners to participate in a call-in contest.

The seventh caller would win a battery-powered bedlamp and radon detector combination Abdul said is worth \$79.95. "You'd pay \$38 for the detector alone," he revealed, "and a good high-intensity bedlamp costs \$12.95." He then gave that RFW contest number: 1-800-666-SATAN. So what if it is too many digits. While you're dialing the "N," the call already will have started to go through. Right?

The next song was dedicated to [name sounded like] Chipper Gore. The artist sounded like Bob Dylan, and the "hook" was "Let me drive your pickup truck and park it where the sun don't shine."

• *Ersatz Brothers Coffee*--"Your coffee don't got zest appeal?" asked the announcer on the third spoof commercial. "Choose Ersatz Brothers coffee, the real one, with a blend of the finest Brazilian soya beans, Chilean chicoree nuts and Spanish fly."

Slicktorian Calendar

After Ray Charles performed "Unchain My Heart," Abdul and Slick discussed the "Slicktorian Calendar," devised by Pope Slick. Abdul played what he called his "choice for 'song of the '80s,' which has nothing to do with basketball, Louisiana, or Willy, who is free now, God rest his soul." The tune that followed included the hook, "Honey I'd hate to lose you now." No other mentions of "Willy" as in "Radio Free Willy" were made during this broadcast, leaving the

'Spoof' commercials

Gucci Bookbag Company
Bastille Exercise Equipment Company
Ersatz Brothers Coffee
Shoes for Industry
Iacoccamobile
Jesus Christ for President
Slice Beer
Gridley's Third World Burgers

namesake of the station a mystery. What is the story behind the "Willy" we never hear, anyway?

"From Waukashau to Arkansas, from Thunder Bay to Piskataway, this is Radio Free Willy, radio the way it ought to be," Abdul crowed. "Slick is here, Mr. Boy, Margo's here."

• *Shoes For Industry*--Fourth among spoof commercials was one that urged listeners to "turn in their shoes for industry."

QSL information

The players

Abdul
Slick
Omar
Margo
Mr. Boy

"Renegade radio with a little bit of Bobby Dylan, 'Drifter's Escape,'" Abdul said, in announcing the next disk. When Dylan's time expired, Abdul gave listeners the long-awaited QSL information:

"Contact your local QSL outlets and tell them you heard Radio Free Willy. We'll have something that will make it worth your time and trouble, as our QSL cards usually are." That may be news to many *ACE* readers because a

review of past issues fails to turn up any indication that RFW ever has sent QSL cards. Nevertheless, Abdul will find many listeners eager to receive his pasteboards when he reads their reception reports. (Me, too.)

• *Iacoccamobile*--"People are ready for a real car with tones of chrome," revealed the announcer of spoof commercial number five. "The Iacoccamobile from Lee Iacocca, president of Chrysler. The 1990 Iacoccamobile has a CD player, telephone and Corinthian leather." If that isn't enough to make you swoon, he goes on: "Some cars have a sunroof; the Iacoccamobile has a sun porch. The rear seat converts to a putting green," he boasted.

"I can only think of one song to follow an Iacocca spot," said Abdul, who then rolled the tune "Hot Rod Lincoln" by Commander Cody and his Lost Planet Airmen. Abdul segued into "I'm Going To Buy Me a Mercury," boosted the set with "Mabelline" by Chuck Berry and finished it with a largely acoustical song I didn't recognize.

Between a Morse and a het place

Interference began to squeeze RFW as a Morse code station spouted numbers to the lower side of its dial position and a carrier moved in on the high side, obscuring spoof commercial number six. The commercial seemed to be another pitch for a car. At least, the delivery sounded much like a used car commercial. Then the host returned to chat with the RFW staff:

Abdul: "The 'Hooray For Willy Bird Sanctuary' is open for tour. [Sound effects of chirping birds, as at sign-on.] We opened the window and let in a flock of outside sounds. Crawling out of the back room with radio tubes coming out of his top pocket and, yes, wearing a plastic pocket protector, it's Omar!"

Omar: "It is a challenge to go on the air with little equipment and no money.

Slick: "This is listener-supported radio."

Abdul: "Yes, you walk out the door right now and six people who are listening to us are holding up our antenna!"

Slick: "That's right."

Abdul: "Radio Free Willy is a wholly owned subsidiary of the Softball Radio Network. This is the international service of the network. You can contact us through most of the usual places. We can check all the bulletin boards and all the places you write to."

Quayle for president

Abdul and Slick discussed Vice President Dan Quayle and his possible candidacy for president if George Bush does not run for re-election in 1992. "Who could the democrats field," asked Abdul. Slick suggests Jesus Christ! The program thus slides into political commentary and satire and a look into the future. As interference from the Morse station and heterodyne intensified, Abdul and Slick discussed the invasion of Panama and possible invasion of the Phillipines. They speculate about Washington Mayor Marion Barry as a candidate for the Senate seat from the state of the District of Columbia, provided DC mayor Jesse Jackson does not oppose Barry. "I Got the Bourgeois Blues" sung by an unnamed artist followed.

RFW then presented an elaborate sequence that included "live" reports from Panama and interview segments. I could not be sure whether the sequence was taken from another source or it was an original production, but I favor the second alternative.

An RFW news anchor reports Gen. Manuel Noriega is being made a cardinal in the Catholic church in Panama City. The newsman switches to a live report from Panama, where the on-the-scene reporter describes the celebrations. President and Mrs. Quayle are in attendance, the reporter notes. He spots archbishop and soon-to-be-cardinal Noriega and members of the Vatican Marching Band.

Into the jungle

The scene shifts to a place within two miles of the Panamanian border for a second live from [name sounded like] Con Gravy, "reporting live from the jungle. I'm here with Gen. [name sounded like] Ham Gridlack. General, can you tell us what is going on at the two buildings 200 yards from where we are standing?"

Radio Free Willy phone numbers

1-800-BAG-BOOK

1-800-GET-HURT

1-800-666-SATAN

Gridlack: "We're excited. We're about to run our new Lovemaker artillery in this controlled area."

Gravy: "General, can you tell me, is this the one designed to kill babies and soft, cuddly animals?"

Gridlack: "Yes, very much so. We have the soft, fuzzy animals in there, as well as the babies, ready for the test. Let her rip! [Sound effects: explosion]

Gravy: "Both buildings were destroyed. It will be a while before the dust settles. We'll have to

come back in a few minutes to ascertain the success of the Lovemaker artillery shell. This is Con Gravy, reporting live from the jungles of Panama. Now back to our studio."

News anchor: "Con Gravy. The inventor of the Lovemaker artillery shell is Dr. Ernest Bocko, director of weapons research for Monsanto Corporation. Dr. Bocko was at our New Rochelle studios earlier today, where he was interviewed by our own [name sounded like] Pat Grierre. Here is a portion of that interview:

Grierre: "Dr. Bocko, why do you really need an artillery shell that only kills babies and soft, cuddly animals?"

Bocko: "I asked myself a question, 'Do our adversaries around the world have such a weapon, or do they have the technology to develop it?' and the answer was clearly 'Yes.' Then I asked myself the question, 'Given their preparedness to produce such a weapon, shouldn't we be able to counteract that with one of our own?' and I think the answer is clearly 'Yes.' So I do believe strongly in the Lovemaker artillery shell and its necessity for the preservation of freedom."

Abdul closed out the segment as he said: "This concludes a broadcast of Radio Free Willy. In the next hour, an interview with Sen. Orrin Hatch and pop singer Marie Osmond, co-authors of the recently published best-seller, 'The Joy of Mormon Sex.' Next on Radio Free Willy Two, 'Great Britain, One Year After.'" The song "Going Down Slow" played, and then what sounded like an excerpt from *Firesign Theatre*.

Halfway there

RFW was about one-and-a-half hours into its broadcast at this point and showing no signs of slowing down or of running out of material. Indeed, it was only at the halfway point!

Radio Free Willy tunes

Great Balls of Fire
Roll Over Beethoven
Take Me To The Old Playground
Unchain My Heart
Drifter's Escape
Hot Rod Lincoln
I'm Going To Buy Me A Mercury
Mabelline
I Got The Bourgeois Blues
Going Down Slow
Hit The Road, Jack

commercial number seven has the Democrats comparing Jesus Christ with Dan Quayle. The spot was "paid for" by "Jesus Christ for President, Jimmy Swaggert, chairman."

• *Slice Beer*--Abdul rolls another spot for Slice Beer made by Swiller. According to the announcer, "It tastes bad and smells like an old pair of shoes, but it f--- you up bad and man it is really cheap!"

Abdul spun another record I couldn't recognize. Commercials must be stacked pretty high at the

1992 RFW 2 because he went out of the song right to another spot:

• *Gridley's Third World Burgers*--"When dog bites man, that's not news," the announcer told us. "But when man bites dog, that's news." Gridley's Third World Burgers, you see, is located "right next to the Humane Society." Woof, woof. Bow wow to go.

Famous Bentsen words

The famous excerpt from the last campaign's vice presidential debate followed another record. Lloyd Bentsen got to tell Dan Quayle one more time, "Senator, I knew Jack Kennedy. I worked with Jack Kennedy. Jack Kennedy was a friend of mine. Senator, you're no Jack Kennedy."

Listener support

"*Radio Free Willy* is listener supported," says Slick.

"Six listeners are outside the studio now," Abdul says, "supporting the antenna."

After Abdul and Slick discussed further the contest between Jesus Christ and Dan Quayle, one or more spoof political commercials played ("Oral Roberts, chairman.") and RFW 2's broadcast ended. But at that point, RFW still had more than an hour to go!

"Public Service 101," a segment that lasted from this point nearly until sign-off, revealed why RFW's rolling studio had ventured to Louisiana. The radio play that formed "PS 101" concerned the life and times of Earl Long. The production was elaborate. It included voice characterizations, sound effects, live piano music and a number of recorded songs.

The segment sounded as though it might have been lifted from another program. But the microphone "popping" sounds characteristic of RFW continued through the program, and Abdul credited the RFW staff by name and the roles they played at the conclusion of the segment. "PS 101" is worth hearing.

That's all

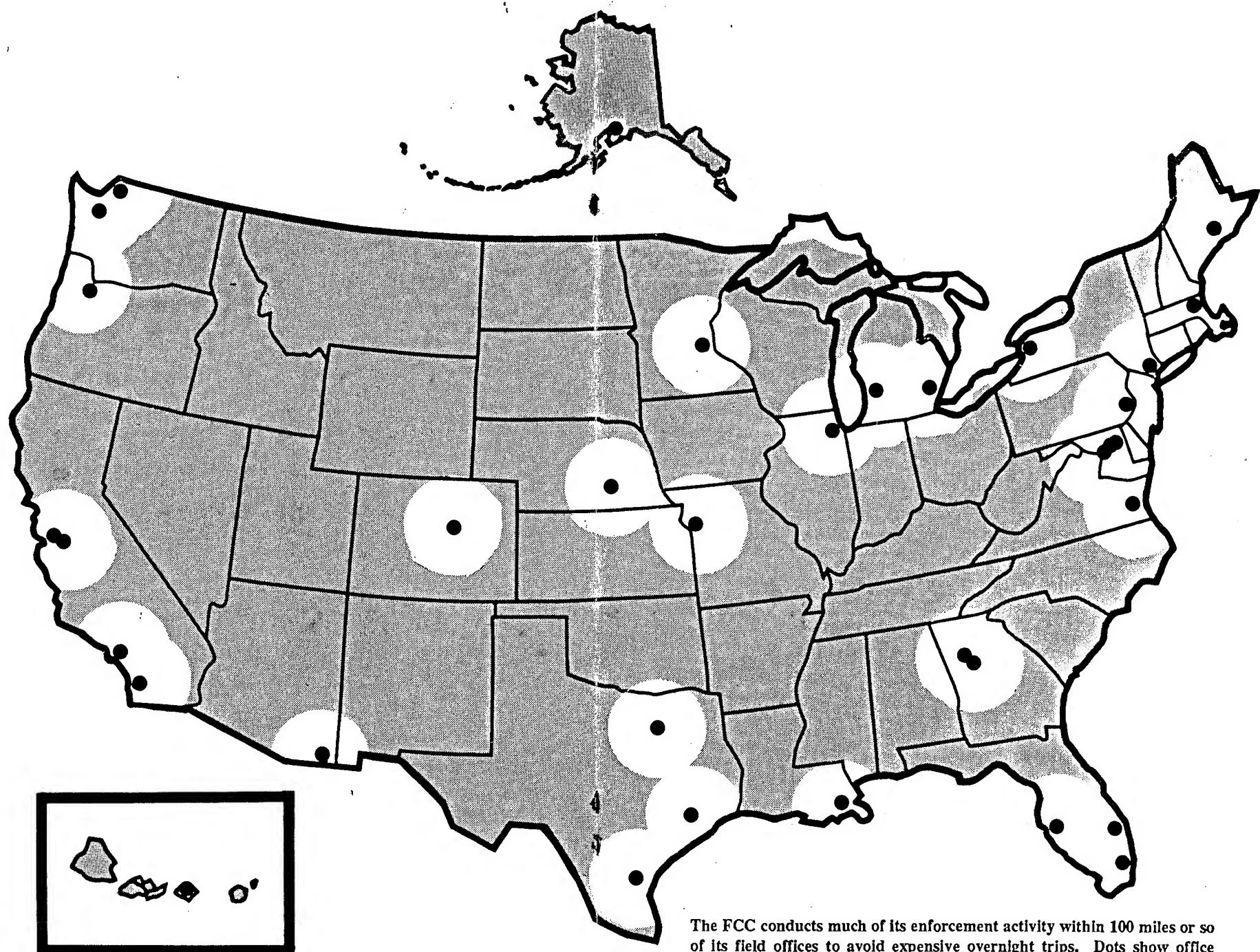
Abdul then bade everyone goodnight and played Ray Charles' "Hit The Road Jack." The signal faded out before the song finished.

RFW's three-hour marathon was a lot to listen to, especially during periods when interference intensified. It represents an enormous amount of writing and preparation. The signal was strong and the program kept a heady pace.

Reception was good enough for the broadcast to be airchecked from start to finish. It fills three C-60 cassettes. To Abdul: I'd be happy to send you a copy so you can hear what the reception was like. Can you send me a studio dub in return? In any event, I'd appreciate a QSL card.

What a marathon!

Radio Free Willy was mentioned several years ago in *The ACE*. At the time, it was said that the station was prepared to begin broadcasting on 1610 kHz. No loggings of the station on medium wave appear in issues of *The ACE* that I've reviewed. The station reaches Overland Park with a stronger signal than stations known to be on the east coast do. That's a plus for hungry Midwestern pirate broadcast DXers. ~~~



The FCC conducts much of its enforcement activity within 100 miles or so of its field offices to avoid expensive overnight trips. Dots show office locations. White areas approximate one-day travel areas near the offices.

Brooklyn's WJPL-FM logs off as equipment is hauled away

By Don Bishop
P.O. Box 4075
Overland Park, KS 66204-0075

The last entry in Brooklyn, New York, pirate FM broadcast station WJPL's log is for Nov. 6, 1989, at 7:36 p.m. At that moment, U.S. Marshal Harley Smith and FCC electronics engineer Judah Mansbach knocked on the door of the station's studio and transmitter location at 1153 38th St.

Free-speech advocate John Lauria opened the door and received an arrest warrant--for his equipment! When Smith and Mansbach left, they took with them a few boxfuls of Lauria's audio and radio equipment. Pirate station WJPL, 91.9 MHz, thus was put off the air.

Small-town USA station

"The studio was in Lauria's house on the ground floor," Mansbach said. "The transmitter was in his basement." Much of the equipment, though commercially manufactured, was quite old. It broadcast at about 100 watts. "In a small-town USA broadcast station, you would have seen the same kind of equipment," he said.

Lauria, whom Mansbach described as "very quiet," was reported to have justified his station operation on the grounds of freedom of speech.

Mansbach was not specific regarding the complaint that led to the visit to WJPL. "Probably a letter or something came to the office." In general, he said, the FCC receives information from shortwave listeners and--referring to my phone call--even reporters who call to ask about such stations.

WHOT vs. WJPL

Mansbach had heard reports that Lauria may have accused Perry Cavaliere of turning him in to the FCC, but the engineer said that was not the case. Mansbach visited Cavaliere's Brooklyn home at 2085 W. 6th St. and seized his radio equipment on July 6, 1989. The equipment was used to broadcast as WHOT on 91.5 MHz FM.

No fine was issued against Lauria, who has asked the federal court to return his equipment. Such requests normally are not successful. But Assistant U.S. Attorney Christopher G. Lehmann said settlements are common under civil procedures. Mansbach indicated a settlement that ensures Lauria remains in compliance with FCC regulations was not out of the question. "Compliance" means no further unlicensed radio transmissions. Thus, although some audio equipment might be returned to Lauria, it is doubtful any of the transmitting equipment would be. Because the civil proceeding remains active on the court docket, any speculation about the possible return of equipment to Lauria is just that--speculation.

Compliance

Mansbach said it might take five years or more before the civil proceeding is resolved, if it is not

settled. During that period, the government can retain all of the equipment as evidence. "That's what makes civil actions so effective," he said. "We take the toys away, effectively getting compliance without having to arrest someone, which judges normally don't like. They don't like to put people in jail. There isn't enough space. Jails are crowded. If you can get compliance, get compliance. We get compliance by taking his [the pirate broadcaster's] toys away."

Lehmann explained that the civil proceeding, called *in rem*, may be initiated against personal and real property. "It is not commonly talked about," he said, "but it is an old principle of Anglo-American law. It comes out of the old situation where the court has jurisdiction over not just people but property."

When a U.S. attorney files against property used for pirate broadcasting, the defendant is the radio equipment itself. To the extent a person wants to contest, he is permitted to file a claim. "In essence," Lehmann explained, "you have two opposing sides [the government and the radio equipment] with one person contesting."

In cases involving drug traffickers, sometimes the *in rem* civil proceeding and the *in persona* criminal proceeding are used. "They are not mutually exclusive," Lehmann said. "*In rem* is a way to proceed effectively against equipment used in violation of FCC regulations."

Regarding settlements that release some of the equipment, Lehmann said: "When we bring these cases, we feel we have a strong case. But sometimes it is just easier to settle a case."

Both Lauria and Cavaliere have contested the *in rem* actions taken against their equipment.

More WJPL details

Mansbach said he was not aware of any previous violations that Lauria may have had.

WJPL listeners could telephone the station to request songs they wanted to hear. "Most pirates do that," the FCC engineer said. "They use call forwarding." The use of a telephone as part of WJPL operations may account for the fact that a telephone and a tape from an answering machine were seized at Lauria's residence.

About the call sign: If Lauria's middle initial is "P" it might account for "WJPL."

Here is a list of equipment taken away by Smith and Mansbach:

Six transmitting tubes	NAD cassette deck 6155
Bird "Thruline" wattmeter	Technics SL-QD2 turntable
Modulation monitor "Bepsy II"	(2) Gates cart machines
Autotransformer	dbx 163X compressor/limiter
Homemade amplifier	Electro 77 card
AM8A/TRA-1 transmitter	Panasonic tape from telephone machine
AR-2 speaker	Electro-Voice RE20
Miscellaneous coaxial cable	(2) Electrovoice 666R microphones
Gates chassis	3M Post-It note
Telephone	Weston ac voltmeter
PP-13B/TRA-1 amplifier	(11) tape cartridges
Audio mixer MX88I	
Realistic mixer 32-1100A	
Revox A-77 tape recorder	
Realistic tape control 42-2115	

CLANDESTINE PROFILE by George Zeller

Your loggings and information on clandestine radio stations are always welcome for this column. You can send them to your editor at 3492 West 123rd Street, Cleveland, Ohio 44111. Or, you can call (216) 941-3366 anytime, or else (216) 696-9077 on weekdays between 1300-2145 UTC. We have plenty of good loggings and information this month, so let's get right into them!

RADIO MISKUT, (a.k.a. LA VOZ ATLANTICA?)

As was documented in last month's Clandestine Profile column, the Contras' Miskito Indian anti-Nicaragua station has returned to the air. Your editor heard this station on 5560 KHz from 2305-2322* UTC on January 28, with local folk music and calm Miskito language anti-Sandinista programming. The station used A3H modulation like many of the "numbers" stations covered in Havana Moon's column, with a carrier and upper sideband modulation, but no lower sideband. I did not hear a Radio Miskut identification, or any other station ID for that matter. Thus, the question of the official station ID of this reactivated station remains in some doubt. A*C*E member Bob Ross of Ontario pulled the station in on the day before my logging (January 27) on 5560 KHz from 2256-2350* UTC. He copied an identification of "La Voz Atlantica," which may be either an ID or a station slogan. Bob also heard mention of "Mitsura," so that political commission may retain official responsibility for the station. Dave Valko of Pennsylvania, another veteran DX-er and clandestine chaser, reported the station in the Numero Uno newsletter #1047 as "Radio Miscutani" on January 11 from 2313-2359* UTC on 5560 KHz. Dave also heard frequent mentions of "Costa Atlantica," which sounds phonetically similar to the slogan noted by Bob Ross. Everybody seems to be copying decent signal levels from this one, so why not give the station a listen? Perhaps you will do better with a definitive station ID than the rest of us have so far.

LA VOZ DE LA FUNDACION MOVES TO WHRI

La Voz de la Fundacion, the relatively new clandestine voice of the Cuban American National Foundation, has moved off Radio Clarin's temporarily reactivated 9950 KHz transmitter to a relay over WHRI in Indiana! A*C*E member Rich D'Angelo of Pennsylvania heard them with a whopping signal on 9945 // 7315 KHz on February 2 from 0130-0200* UTC. Following a WHRI identification, Rich heard male announcers in Spanish with a frequency announcement, anti-Castro talks from both economic and political perspectives, and criticism of Cuban involvement in Angola. The address printed in the January A*C*E (Mr. Delsin Pernas, Cuban American National Foundation, 7300 NW Terrace, Suite 104, Miami, Florida 33112) was also mentioned. In addition, via Jonathan Marks' "Media Network" program on Radio Netherlands, Rich reported that Jeff White gives a WHRI relay schedule of 21870 KHz from 1500-1600 UTC in addition to the 7315 // 9495 KHz broadcast at 0100-0200 UTC that was heard by Rich. Jeff suggests that the station may return to a relay over Radio Clarin on 9850 KHz, but Radio Clarin seems mired in another frequency dispute with the Dominican Republic government about whether 9850 and/or 9950 KHz will be authorized for international broadcasting. This relay-jumping by Fundacion is interesting, and all of the listed frequencies are worth checking out.

RADIO PATRIA LIBRE

Rich D'Angelo also sends in a log of the anti-Colombian clandestine "Radio Patria Libre" on its new frequency. On January 28 he heard them on 6315 KHz from 0108-0115* UTC. They still use male and female announcers to castigate the Colombian government, with liberal sprinklings of local folk music. Rich heard their slogan "La Voz de la Nueva Colombia" at sign-off. As noted in the February A*C*E, their nightly frequency is now slightly variable in the vicinity of 6300 KHz. Did anybody hear this station during President Bush's mid-February visit to Colombia for the western hemisphere Drug Summit?

RADIO FARABUNDO MARTI QSL

Rich D'Angelo sends in yet another piece of good news. He received a QSL from Radio Farabundo Marti in 22 days for \$1.00 US return postage. Rich sent a prepared card to them, and it was signed by Jaime Suriano, U.S. Representative. The magic address that worked for Rich was the El Salvador Radio Aid Project, Post Office Box 1614, Old Chelsea Station, New York, New York 10011. A station brochure was enclosed, which states that Radio Farabundo Marti's first broadcast was on January 22, 1982. They also claim that they use a mobile transmitter because of "continuous military attack." The station solicits financial support. For only \$40, you can keep them on the air for one hour. If you want to donate \$100, you can finance a one month supply of fuel for their generator. Rich's New York address is still good, but they also list a west coast contact address of El Salvador Radio Aid Project, Post Office Box 410593, San Francisco, California 94141. The brochure does not mention the recent observed merger of Radio Farabundo Marti and Radio Venceremos. Thanks for all of the great information, Rich!

BOB ROSS ASIAN CLANDESTINE LOG

As usual, Bob Ross sends in an exotic Asian log. He tentatively noted the Voice of the People of South Korea on 6600 KHz on January 21 from 0910-0925* UTC. Bob heard male and female announcers in Korean, oriental instrumental music, and Korean vocal music. He did not copy a definite ID, but the programming suggests that this probably was the North Korean clandestine operation. Bob reports that the signal faded quickly, precluding a better set of details. Good work, Bob!

CUBAN AND CENTRAL AMERICAN LOGS FROM VINCE HAVRILKO

Veteran A*C*E member Vince Havrilko writes to say that he has gotten actively back into the DX world with the acquisition of a new DX-440, and he sends in several loggings. None of these stations duplicate anything else sent in this month, and all of these stations remain excellent targets for North American clandestine DX-ers: Radio Quince de Septiembre, the Contras' primary station, 6214 (actually 6214.5 KHz lately), 1-29-90, with an ID at 0059 UTC, talks about revolution in Nicaragua, and mellow Latin American ballads; La Voz del CID, 9942 KHz (actually 9941.7v), 1855 UTC, 1-22-90, and 6305 KHz, 0600 UTC, 1-28-90, with OM/YL ID's and anti-Castro talks in Spanish; and Radio Caiman, 9965 KHz, 0220-0251* UTC, with OM/YL Spanish talks, pop/rock music, and ID's. Vince heard all of these stations with good signals. (NOTE: In Numero Uno issue #1046, Terry Krueger of Florida also reported La Voz del CID on new 7340 KHz (ex-17380 KHz) at 0230 UTC. Maybe the station has moved to avoid WSHB and/or Radio for Peace International QRM).

Vince also has been following the longstanding nightly battle between the anti-El Salvador Radio Venceremos and its various jammers. On January 29 he heard a typical exchange. Venceremos held forth on 6837 KHz from 0045-0058* UTC with its usual mix of "bouncy LA pops," a male Spanish language ID, and their usual sign-off anthem. Their jammer played "top 40 soul music" on 6850 KHz at first, but it jumped to 6840 KHz at 0040 UTC so as to get closer to the Radio Venceremos carrier. Your editor often notes these jammers in A3H or USB modulation modes. I guess that the jammers figure that the unusual modulation might create better jamming slop. However, the jammers are seldom effective, at least as we hear the battle in North America.

COMMENTS ON WSHB MODULATION FROM BOB GERMAN AND JOHN ARTHUR

Last month we promised yet another follow-up on the WSHB broadband hiss noise situation around 7400 KHz in the evening. Despite annoying typos by your editor in the February A*C*E (Bob German is the Chief Engineer of WSHB's South Carolina site; Don Bishop is a contributor to the A*C*E bulletin), you will recall that Bob provided A*C*E with a helpful analysis of the alleged hiss from his transmitter. In general, Bob concluded that after careful testing, it appears that WSHB's dozens of megawatts of ERP appear to be simply overloading the front ends of consumer-grade receivers in eastern and midwestern North America. He solicits additional reports on his signal from A*C*E members and other DX-ers, and he called me to report that he hopes to cooperate with A*C*E even more in the future. Bob indicated that he has plans to attend the February Winter SWL Fest in Philadelphia, so we should have more to say about the issue in the April A*C*E. We should also note that the Cuban Radio Moscow and Radio Kiev relay transmitter on 7400 KHz has been interfering with WSHB lately, so WSHB certainly will be analyzing the possibility of a QRM-avoiding frequency shift in the future.

Veteran A*C*E member, editor, and QSL expert John T. Arthur also throws in his 2¢ worth on the WSHB noise issue this month. John agrees with your editor's conclusion in the February Clandestine Profile that WSHB's transmitter does not generate spurs. Instead, he sheds a new and different perspective on the WSHB hiss issue, and I think that the best way to do justice to John's analysis is to quote part of it:

"The recent (A*C*E) articles by Don Bishop (on WSHB) are interesting, but not truly enlightening. Sure, so every DX-er should spend \$7,500 on a Racial receiver? Last night I happened to listen to WSHB's sign-off on 7400 KHz, and they announced that the service was intended for Eastern USA. That is a violation of FCC rules, which state that domestic shortwave broadcasters may not target the USA and must have a target area outside the 50 states. And, even if they could legally claim (the) eastern US as a target area, they cannot justify the use of a 500 KW transmitter to cover it, unless their intent is to blanket and saturate every radio on the Eastern Seaboard. That may be "creative marketing," but it's grossly inefficient and poor engineering."

I print John's remarks because they have helped me to clarify my own thinking. WSHB definitely has a problem with their 7400 KHz transmitter. The nature and cause of this is still under investigation, but we have narrowed down the suspects. Either their modulation technology generates excessively broad hiss outside their normal sideband widths, or else their transmitter power is clearly excessive for their announced target area.

Continued on page 38

Veried Response

John T. Arthur, proprietor
RD #1, Box 15A
Belfast, NY 14711

...with a little help from my friends and Staff Reporters Mark Pierce and Bud Wooten. VR is electronically transmitted to A*C*E Hdq on or before the 24th of each month. Please send your input and comments to the above address or leave them in the [P]ersonal Mail section of the ANARC RBBS prior to the 18th. Your active participation in the form of reports, suggestions or constructive criticism is solicited.

"We're not going to try to control what our people read and say and think."
--Jimmy Carter

What's News:
the media report

News Flash:

"Illegal CB Equipment Seized in Mississippi"

"The US Marshall's Service, with the assistance of staff from the FCC's Atlanta and New Orleans offices, seized an estimated \$75,000 worth of electronic equipment from Andy's Place, aka A&M Wholesale Supply.

"The ... equipment consisted of non-type accepted CB transcievers and CB linear amplifiers. The trancievers were capable of oerating on unauthorized frequencies with excessive power." [via March 1990 PopComm]

(Once again the FCC oversteps and abuses its power. There is no such thing as inherently illegal equipment - it is only USE that could be considered illegal.

Read the FCC's own CB Rule 21 (c): "The FCC will presume you have used a linear or other external RF power amplifier if-
(1) it is in your possession or on your premises; and
(2) there is other evidence that you have operated your CB station with more power than allowed by CB Rule 20."

First, their presumption of guilt is a violation of your Right to be treated as innocent until proven otherwise. However, please note the inclusive conjunction ("and") at the end of sub-paragraph (1), which means that BOTH sub-paraphs must be satisfied before a crime is committed, then re-read (2). That one says that there must be OTHER evidence of illegal USE.

By seizing equipment from a wholesaler, the FCC has violated their own Rule - they had no other evidence of operation. That makes the involved Marshalls and FCC agents thieves, and since the amount involved was \$75,000, they are felons.

You are free, in this country, to own any equipment you wish, whether type-approved CBs, modified type-approved CBs, export CBs, linear amps, or whatever. The ONLY violation of the Rules is using them to transmit.

If the FCC wants to take my export radio, they're going to have to abide by their own Rules and PROVE illegal USE in court, first. jta)

Also in the March PopComm is the report of the WENJ bust (Jack, please call and let me know the truth!), and a brief report of the shut-down of an FM pirate in Erlanger, KY. [direct]

In Springfield, IL, a one-watt FM station was ordered off the air and fined \$750. The station, operated by Dewayne Readus, broadcast music and information of interest to the black community and, thanks to segregated housing in Springfield, managed to cover about 75% of the black community. Dewayne's signal also covered the police station and the FCC moved in. "Since the station was not interfering with any other use of the airwaves, it's hard to see what justification there is for shutting him down - other than the obvious one, of course, that people setting up radio stations for \$600 pose a threat to the established order." Dewayne has stated intent to fight the action in court and is willing to go to jail if necessary. If you'd like to offer moral or financial support, contact: Dewayne Readus, 420 North 14th St, Springfield, IL 62702. [FactSheet Five, via Bud Wooten]

Harry L. Helms AA6FW
7445 Andasol St.
San Diego, CA 92126

COVERT CORNER

February has been one busy month for covert radio!

The Foghorn has been popping up all over the frequencies that can support propagation during night hours. Chas Collins of Milwaukee sent along a cassette he made of the Foghorn on October 29, 1989 when he found it on various frequencies between 6919 to 8155, 11465 to 12315, and 14910 kHz. I heard it on 7838.5 on February 5 at 0500, with a pattern of 30 seconds of activity followed by a minute of silence; it was still going past 0600. I also noted it on February 17 at 0710 on both 6870 and 7635 kHz. Anyone else heard this?

While Havana Moon gets all the numbers reports, I'll violate this division of labor to report on the remarkable things heard here on February 9. At 0501 on 6785 kHz, I heard a female voice repeating "atencion 687 02." In the background was a high-pitched whine sounding much like the noise made by the display on a receiver like the R71A. The whine increased in volume, and by 0503 had become full-fledged jamming of the station! The jammer was a "grinder" noise type, and seemed about one S-unit stronger than the numbers station. At 0508, the jamming abruptly stopped, but the audio was so muffled and distorted that the number groups were unreadable (at least to this non-native Spanish speaker!). At 0516, the jamming returned and continued until 0519, when the numbers transmission ended and the jamming ceased. There was a loud het left on the frequency, and I speculate this was caused by the beating of the numbers and jamming station carriers. At the same time this was going on, I had 7845 kHz in my receiver's other VFO and was following the progress of "atencion 877 03" there. At 0509, I first heard some distorted music in the background, which seemed to be Spanish pops. At 0516, the numbers station was covered by very strong data burst signals (like raunchy ARQ phasing signals) which continued until 0518, when I noted USB signals. Tuning in USB, I discovered these signals were *scrambled* USB speech similar to that heard on military channels! This continued until 0520, when it stopped and there was no trace of the numbers station. I continued to monitor the channel for the rest of the evening, but heard nothing further until 0612 when a five-digit Spanish station was heard at a poor level, barely readable above the noise. Has anyone else heard similar unusual activity on or adjacent to numbers stations frequencies?

Jeff Heyman of New York City seems to really have this thing for 10125 kHz, or else his receiver's broke and he can't tune anything else. Regardless, he reports that on January 22 he heard "Charlie India Oscar Two" repeated there *continuously* instead of from 45 to 50 minutes past the hour. The next evening, he heard a message of the frequency which sounded like "Charlie India Oscar Tango (Rome?) (Bill?) Bravo (Zero or Zebra) (Rome?) Bravo (Rome?) Bravo (Five?) Five." Jeff says this was repeated continuously. On January 24, "Charlie India Oscar Two" was again heard continuously, and by January 25 it had returned to a 45 to 50 minutes past the hour schedule. But on February 4 "Charlie India Oscar Uniform Eight" was heard past 0025 in parallel to 6745 kHz!

On February 7, the message on 10125 kHz seemed to change on an hourly basis and ran continuously. The most unusual one heard was "Charlie India Oscar Tango One Sierra Mike One Four Bravo Six Zero Zero," which ran for almost two hours! Other calls heard that night included "Charlie India Oscar Two" and "Charlie India Oscar Delta Two." The pattern continued the next night, when "Charlie India Oscar Three," "Charlie India Oscar Oscar," and "Charlie India Oscar One Delta" were among the calls heard. Since then, Jeff says activity on 10125 kHz has returned to normal, with "Charlie India Oscar Two" heard from 45 to 50 minutes past the hour.

Finally, Jeff observes that the "normal" Slavic languages transmissions on such frequencies as 3225, 4030, 4880, and 4884 kHz ceased for several days late last fall at the same time East Germany, Romania, Hungary, Poland, and Czechoslovakia made their exits from the Soviet bloc. Could this have been a coincidence? A part of the master plan? Both? Neither? At any rate, thanks for the great input Jeff!

Mark Pierce just had to get his two cents' worth in this month. He writes, "The reason for the Foghorn? Number transmissions were being successfully deciphered until recently. Please don't attribute this speculation to me." Hey Mark, aren't you glad our lips don't grow like our fingernails do? Wouldn't it be a hassle trying to keep them neat and trim???

Continued on page 39

As some of you know already, the FCC closed down WKND recently. Now another one bites the dust: Secret Society Radio was raided and shut down by the FCC on Saturday, Feb 17th, about 2300UTC, after operating on 7410 kHz. According to the station operator, most of the station's equipment and an unrelated CB linear and several receivers were stolen by the Feds. Alleged QTH: near Washington, DC [via ANARC SWL Net, 18 Feb 90]

(Here's a case of the Feds lying in wait: SSR had been checking out an audio problem, and had been on the air long enough to play TWO songs that Saturday. About five minutes after he went off the FCC knocked on his door. They did not have a warrant, but he cooperated and let them in. In return they took everything he had. There is a lesson to be learned here. jta)

And the latest shut down is WHBH "HillBilly Heaven". According to our report, the station was raided on Sunday, 18 Feb 90, while operating on 7425.7 kHz. An FCC agent illegally transmitted a bust announcement at 2154 UTC. Our reporter said that WHBH had been on the air for over three hours earlier in the day. Alleged QTH: Richmond, VA. [via George Zeller]

More FCC terrorism has come down in the form of financial extortion against licensed stations for "obscenity". However, only three stations have actually paid the "fines": WLLZ, Detroit; KFI, Los Angeles; and WIOD, Miami. Although several hundred complaints have been received (mostly from fanatical right-wing fundamentalists), actions have only been taken against a dozen stations, and only three of those have paid the ransom; the others are appealing. The real problem is that the FCC has never established any legal guidelines for what is "indecent", thus these actions appear to be "regulation by raised eyebrow", making commercial stations rather paranoid. [The Buffalo News, Sunday, 18 Feb 1990]

The commercial radio version of "Pirate Radio" seems to be a growing fad. First it was a Los Angeles FM station claiming to broadcast from a barge off the coast. Now a contact tells me that there is another "Pirate Radio" somewhere in the NorthEast. But to top it off, there's now "Pirate TV", Fridays at 9 p.m. on MTV. Good grief... Just when you think you know what it is, it isn't! [direct]

George Zeller promised to be modest in print, but we didn't. Better send off your \$9.95 to Tiare Publications for the Pirate Radio Directory, 1990 edition. George profiles one hundred eleven stations which operated in 1989 giving as much detail as possible, including frequencies used, times heard, formats, IDs and slogans, announcers names, maildrop info - everything but the precise geographic location of the station. An invaluable reference for the serious Free Radio DXer, written by an expert in the field. The book is profusely illustrated with QSLs and pennants from George's personal collection, too. Get yours today before the supply is exhausted. Send \$9.95 (\$10.95 in US funds if outside the country) to: Tiare Publications, PO Box 493, Lake Geneva, WI 53417. [direct]

Looking for programming at reasonable rates? Here's a source for Soundtrack albums, both domestic and imported: STAR, PO Box 467, New Holland, PA 17557. The full name is Sound Track Album Retailers, but we like the name STAR. They have a good-size catalog which lists loads of soundtrack LPs, some rare imports or just plain hard to find or out-of-print. If you're into movie themes and the like, send a SASE for a copy of their Clearance Sale Catalog, or \$10 for a years subscription. [direct]

Are you interested in an A*C*E Free Radio QSL Awards program? The awards would be printed certificates, suitable for framing, and would be available in at least three categories: (1) QSLs from stations operating BELOW 2 mHz and/or FM, in steps of ten; (2) stations operating ABOVE 2 mHz, in steps of 20; (3) number of different countries, in steps to be determined. The certificates would be issued to persons submitting xeroxs of their QSLs, plus \$1 and a first class stamp. There could be more categories added - if you can think of one, please suggest it. If You are interested, please write to me at the above address. If there's enough interest, we'll get the ball rolling.

Last call for your input to the 1989 Pirate Popularity Poll. Please send your votes for the three Best and three Worst stations heard during 1989, and remember there are two categories: programming and technical. So far the leaders are Voice of Laryngitis, Radio Free Willy, Voice of the Abnormal and KNBS, but YOUR vote could change all that. Your input is needed for an accurate representation of public opinion. Send your votes to: Poll, RD#1 Box 15A, Belfast, NY 14711. Input accepted thru 31 March 1990.

VR's picks for People-Of-The-Year (for 1989): in environment it's hands down for Chico Mendes, who gave his life defending the Amazon rain forest. In journalism it's Salman Rushdie, who had the fortitude to write the truth about a fanatical, murderous religious cult. In politics it's Mikael Gorbachev, who is not afraid of change.

support your club...say you read it in The ACE

Off the Wall....
the rumor center

Well, scratch the most recent address for WRNR; reports have been returned from Cornwall-On-Hudson, too. It's too bad these guys can't come up with a workable address - even Hope Radio eventually did...

Our friend Phil Muzik let us know that the new QSL cards have been received from the printer and they've already sent out a few. They now offer professional cards with their professional pennants, but request that you make sure to send adequate details and three stamps with your report. Phil also confirmed what I had thought: they do NOT respond to "pse qsl" requests in the DiaLogs...

From member Rian Raleigh comes the address for Radio Stella Int'l, recently heard by several folk here in NAM. Send your report(s) to: Jock Wilson - RSI, 23 South Beechwood, Edinburgh, Scotland EH12 5YR.. Member Terry Provance passes along word from Willy Promotional Materials in Madison, WI, that they have nothing to do with Radio Free Willy, so don't send them your reception reports. RFW requested reports via the ANARC BBS, in fact. WPM spokesperson Clark Thompson did send Terry a copy of the RFW promo poster which circulated in the Madison area in 1985...

And the recent broadcast of Radio Newyork Int'l was not authorized by the RNI gang. Alan Weiner told Terry that he had no knowledge of the broadcast but did get several reception reports. Some people will try anything to get a QSL...

Mouthpiece Theater
(formerly: Soapbox)
ACE members speak out:

It's been a while since we had any input for this section, but this month we are blessed(?) with no less than Two letters. The first comes from the legitimate operator of Secret Mtn Lab, Ltd., with a beef:

"Recently it has come to the attention of SML, Ltd., that someone on the mainland has been representing themselves as Secret Mountain Laboratory in QSOs with some other Operators. These reports came from the East Coast of the contiguous 48 states, and the person/persons referring to themselves as SML are, in fact, not the genuine item. Because of SML's location, conversation with other Operators is nearly impossible, unless they are using a similar directional antenna pointed at the Hawai'ian Islands.

"It is the policy of SML to only broadcast music and informational programming, and occasionally relay other program services deemed by the Board of Directors as consistent with SML policy and values. We do not use the facilities for two-way communication as a matter of policy, and also because we lack the technical ability to do so.

"While we realize that imitation is the sincerest form of flattery, in this case it is not appreciated by SML, Ltd. We request that the Operators of the imitation station use their imagination (if any) and find their own name, and not use ours. Shortwave listeners are confused enough about what is what; let's not make the situation

worse than it is."

Whew. Although there have always been cheap copies of other stations around, usually popping up just after the "real" one has been busted, this sort of activity is un-cool and un-called-for. jta

And second, we have a letter from Radio Free Massachusetts, vainly attempting to brush off charges of ballot-box stuffing:

"The FCC has recently been conducting a terrorist campaign against Pirates using misinformation, scare tactics, etc. This information has been widely published in such journals as ACE and other publications.

"The FCC has now resorted to a new low: ballot-box stuffing. This latest dirty trick is obviously a conspiracy engineered by dozens of the FCC in an attempt to discredit this station. We are most happy you alerted us to this nefarious plot against us. We thank you for helping us foil the FCC in this venture.

"For the record, the station policy as stated by the station owner, Mr J. Arthur Puppybreath, is one of adherence to the highest ethical standards. s/H.V.Short"

Only two comments: #1. there is no relation between me and their stn owner; if there were, they'd have a better signal and better programming. #2. You must admit it looks a little strange when three dozen ballots arrive over a period of a few weeks - all from the same typewriter and all with the same postmark - from everyone from President Gorbachev (who does NOT listen to RFM) to John Wayne (who's been dead for years). jta

What do YOU think? VR is a forum for Your opinion and comment. Kindly organize Your thoughts, be concise and expect comment directed at Yours. i may edit to fit space available but will try not to alter Your intended meaning.

A*C*E QSL Scoreboard

Revised: 22 February 1989

KEY:

NAm= North American Pirate QSLs
dif= # different stations represented
Eur= EuroPirate QSLs
tot= total Pirate QSLs (NAm + other)

name-state	NAm	pirates	cland	Best QSL
	dif	Eur	tot - dif	tot
J Arthur-NY	87	47	1	88 1 1 SML
R Biggs-TX	26	23	1	27 VoVoyager
W Craighead-KS				32 42 Gian Phong
B Fuller, Jr-MA	8	5		8 RFM
N Grace-MA	26	18	2	28 1 1 WBRI
W Martin-DE	63	44	4	67
M McCrackin-CA	2	2		2 Zodiac R
T Provance-OH	56	43	12	68 2 3 WMR-6313
S Rogovich-VA	8	6	1	9
S Sachs-IL	32	25	1	33
H Short-MA	1	1		1 RFM
C Smolinski-MD	29	26	3	32 2 R Confusion
M Twigg-MN	23	18		23
B Wooten-CA	11	10		11
A Yoder-WV	75	50	2	77 1 WCPR-1620
G Zeller-OH	92	65	3	95 5 5 VoL-15050

Send your QSL totals to: VR, RD#1, Box 15A, Belfast, NY 14711 or leave them in the [P]ersonal mail section of the ANARC RBBS.

*** under the door ***

Ontario's Bob Ross chipped the ice off his mailbox to find a full data oversized homemade card from Secret Society Radio - 7410 signed by Pirate Jim in one month, two full data computer generated sheets from WTNU - 7490 and 7416USB signed by Richard Crannzume (WTNU Promotions) in two months, a full data cannabis 19 card from KNBS - 15063 (via ECPR) signed by Phil Muzik with pennant in two weeks, and a full data form letter with postcard and PFC from Radio Stella Int'l - 6319.4 signed by Cyder in six weeks. [congrats. jta]

Massachusetts' Ben Fuller, Jr., took his pocket-warmer to the mailbox and found two full data cannabis 19 cards (#99 & 100) from KNBS - 7411 & 15063 signed by Phil Muzik.

Maryland's Chris Smolinski used some 10p nails to hang up a large card from WHOT - 1629 signed by Hank Hayes for a 1986 reception, a blue on white card from Samurai Radio - 6275 signed by Eddie Currents, a xerox form letter from Hope Radio - 7414 signed by Jamie with technical information, and a yellow card and infosheet from Radio Orang Utan - 6206 with stickers.

Virginia's Steve Rogovich broke his stapler hanging a full data paper card (#1 for 1990) from WENJ - 7416 signed by Jack Beane in five days and a full data "mongrel" sheet (#38) from WKND - 6240 signed by Radio Animal in 88 days with info sheets.

Georgia's Bud Wooten is proudly hiding a full data unsigned "Camphur und Silvaplana" card from Voice of Tomorrow - 6240 postmarked in Portland, Oregon, received in about four months.

Ohio's ACE columnist George Zeller almost let his wife move back into the house but changed his mind when he received a frequency and date only xerox sheet from Hope Radio Int'l in about 40 days.

Ohio's Terry Provance called the contractor to build another wall to display two form letters from Radio Venceremos signed by Anita Ocampo in seven years, a very plain form letter from Hope Radio - 7403.5 signed by Jamie in 32 days, a full data blue on white card from Samurai Radio - 6275 signed by Eddie Currents with personal note in 34 days, a full data "lightning bolt" card (#2 for 1990) from RFM - 15021 signed by HV Short in 32 days, two full data cards (#180 & 181) from Radio USA - 7407 signed by Mr Blue Sky in 74 and 83 days, an abominable punk snowman photo card (182) for joint Samurai/RU broadcast - 7375.6 signed by MBS in 39 days (and I thot only KNBS did "joint" broadcasts! jta), a full data prepared card (#1) from KOLD - 1630 signed by "T" in 3 yrs, 1 month and seven days saying power was 100 watts, two full data sheets ("bean boom" #45 and "open season" #56) from Radio Garbanzo - 7435 and 7485 signed by Fearless Fred, a brand new full data green cannabis fiber card (#108) from KNBS - 7485 signed by Phil Muzik with pennant in ten days, a date & freq only personal letter from Eurosat - 15005.3 signed by Alex van Stuyvenberg in 40 days with a 90 min tape of homemade music (they returned Terry's \$!), a full data flourescent yellow card for 6313 and two olive grey cards for 13630 and 15043 from Weekend Music Radio signed by Jack Russel in 52 days, and a freq only personal letter from TIRI - 5030 on Impacto letterhead signed by Hector Requena C. with pennant and bumper sticker in 85 days.

Texas' Russell Biggs covered the air conditioner (who needs it?) with two full data cannabis fiber cards from KNBS - 7411 & 7483 signed by Phil Muzik with a pennant, and a card (#3) from La Voz de Gringo America - 7415 signed by Raoul C. Duke III for a report via the ANARC BBS.

Nevada's Rian Raleigh is pickled tink over a full data card from Radio Stella Int'l signed by Cyder (stn secretary) which came with a Christmas card, a block diagram of the xmtr audio section and a couple of pages of station data and history, a nice QSL card and two pages of station history and data from Radio Freedom Int'l - 6250, and an info sheet with a "FFFR" sticker from Radio Orion - 6728 with a personal note from Mike Wilson who said "no QSL cards at present time, a low budget operation". Rian also passes along some addresses: for RFI, write to: Dept R, 67 Elm Row, Edinburgh EH7 4AQ, Scotland

HAVANA MOON
117 W. Harrison Building
6th Floor, Suite H-319
Chicago, IL 60605

Glittering moonlight
Pale through the mist
And the white
Cherry blossoms

-- kurichan

* Numbers 101, Part 4 *

Type 4 Transmission Formats

"Atencion" (repeated three times)
"342 20" (repeated once)
xxxxx xxxx . . . (ciphertext or crypt)
"Final" (repeated three times)

This transmission type has only been noted on live, non-computer generated five-digit Spanish transmissions.

The majority of five-digit Spanish stations transmit in full carrier (AM) mode, although there are occasional reports of some few SSB transmissions.

The characteristically excessive repeats which are noted of many five-digit Spanish transmissions are *NOT* typically seen with non-computer generated live transmissions. These repeats are seen, for the most part, at 30 past the hour and may be many kHz up-or-down-frequency from the primary.

There have been some few instances in which the repeat frequency has been transmitted in the clear in the last group of a crypt. This doesn't happen often, and I would point out that coincidence can not be ruled out as an explanation.

ALPHABET SOUP

This month's reception reports focus on Phonetic Alphabet Stations. These transmissions have become decidedly more obvious in recent months - and typically utilize non-standard pronunciation of the standard international phonetic alphabet, as discussed in my last column - this indicative of voice-recognition systems at the receive site.

An interesting note - while in the past PAB Stations primarily transmitted in RCSB (Reduced Carrier Sideband) mode, they are now typically found to use full carrier AM mode.

And Now . . .

4746 kHz 0600 UTC	AM	5-L	EE	MC/DC
<????? ???? ????>				
4881 kHz 2330 UTC	AM	PAB	EE	kk/NY
<Uniform Lima X-Ray Two>				
5821 kHz 0400 UTC	AM	5-L	EE	MC/DC
<Yankee Hotel Foxtrot>				
6840 kHz 0200 UTC	AM	5-L	EE	kk/NY
<Echo Zulu India>				
7445 kHz 0015 UTC	AM	PAB	EE	kk/NY
2215				
<Kilo Papa Alpha Two> This station has camped out on this frequency for many, many years. And she doesn't age, either.				

7605 kHz 2345 UTC	AM	PAB	EE	kk/NY
<Uniform Lima Oscar Two>				
10123 kHz 0115 UTC	AM	PAB	EE	kk/NY
0245				
<Charlie India Oscar Two>				
10123 kHz 0130 UTC	AM	PAB	EE	kk/NY
0200				
<Charlie India Oscar Uniform Eight>				

RACING WITH THE MOON

The Intrepid Duo - Said duo consisting of Zel Eaton (MO) and John "ImGonnaSubscribeToA*C*EOneOfTheseDays" Fulford (FL) - continue to report Numbers transmissions on 31.685 MHz during daylight hours. This is it, Fulford. No more borrowing my latest copy. D'you hear me? Send the bucks to A*C*E or you're history. And I mean it!

HM'S ELECTRONIC RECEPTION REPORT

To: HAVANAMOON
From: Jeepster & The Saturday Night Los Numeros Amigas
Subject: Numbers Intercepts & A Pirate, Too
Date: Sun, 17-Feb-90 20:47:52 PST
Lines: 22

Freq	Time/UTC/Format
6970:	0500-0532 5D YL EE 697 697 697... 380 380 156 156 then a double set of 5 digit numbers (e.g. 14353 14353 33543 33543...) 380 380 156 156 0 0 0 0 0
6820:	0500-05?? 5D YL SS Potato-Chip mentioned this one
8050:	0540 5D YL SS onymouse found it
7433:	0535-???? WMEX Radio Free Yesteryear S10 in Denver '60s music, 60's television ads, fake ads

ZODIAC CHASES NUMBERS

And speaking of Saturday Night - and the Pirates - a surprise in the mailbox the other day. A fabulous QSL Card from the infamous Frank Marauder of Zodiac Radio. Said item was *NOT* provided to verify reception - but to report a Numbers transmission! Way to go, Zodiac Baby!

CONTRIBUTORS CORNER

The Portal* Amigas, David Markwick, John Brewer, Jim Vickonoff, John Fulford, Zel Eaton, Kristin Kaye, Martha Wood, George Zeller, Frank Marauder, Don Bishop, Ben Fuller and the Martins - both Ira and Mom.

HM'S YL OF THE MONTH

Remember LADIES DAY AT THE A*C*E? You've never *SEEN* such a response! And to acknowledge the YL of the species - the ubiquitous COSMIC SPOTLIGHT will be replaced by a new feature - HM's YL Of The Month!

The very first woman to achieve this honorable title is Martha Wood, of Cleveland. Martha's letter reads as follows:

"Dear Havana Moon:

Help! I've had a shortwave radio for all of two months and have become obsessed with listening for covert communications, numbers transmissions and pirates. Is there any help for me, or does this obsession get progressively worse? Will I end up in a home for SWLs in my old age, reciting groups of numbers endlessly while loved ones look on in horror?

The worst part of this strangeness is that it's just me and my little Sony 2010 locked away in a back room of a house. My boyfriend shakes his head in wonder and thinks I'm waiting to hear ET phoning home. I go to work only to be able to support my habit. I dream of being paid to sit at home to monitor the world

Dear Martha:

Might I suggest the Numbers Dependency Wing of the Betty Ford Clinic? You've taken a brave first step. You've admitted publicly that you have a problem. And in so doing, you've touched my heart. I'll personally see to it that the Havana Moon Suite is reserved in your name.

And no, Martha, I'm not a reincarnation of Keith Moon. Just as Gerry Dexter is made up of thousands upon thousands of QSL Cards, I'm made up of thousands upon thousands - yep, you guessed it - of five-digit groups.

Your reward for winning the YL Of The Month title is on its way - a personally autographed copy of my 2/90 Popular Communications article - KKN39 - A Magical Mystery Tour. Enjoy!

Oh and by the way, is Cleveland really known as "The Mistake on the Lake?" HM loves you, Martha. He really, really does.

* * * * *

Ben Fuller, of Falmouth, MA, checks in this month with a very interesting letter and even more interesting tape recording.

"Enclosed is a tape from a recent Numbers Station I found intriguing. I picked it up on 7476 kHz at 0445 UTC on 2/4/90. I find it interesting for three reasons.

1. The accents are suspiciously American.
2. It obviously was meant to go right on top of Radiodifussion Television Tunisienne.
3. I am an ACE member who spends a lot of time in the 7400 kHz band and have never heard this station before."

Ben also reports hearing The Foghorn mentioned in the 2/90 ACE around 6800 kHz.

After carefully listening to your tape, Ben, I must admit I have never heard a Numbers transmission of this kind. Copies of Ben's tape are available for \$3.00 - send a check or money order payable to The A*C*E to the Club post office box. Include a stamped, self-addressed mailer with \$.75 postage. PLEASE - no requests to the Chicago address directly. I'll assume all costs so that the entire \$3.00 will go to The A*C*E Treasury.

HAVANA MOON RECOMMENDS

For all the Marthas out there in RadioLand who are new to the Hobby, Gerry Dexter's "So You Bought A Shortwave Radio!" Available from MoonBeam Press, PO Box 149, Dpt. ACE, Briarcliff Manor, NY 10510. \$8.95 domestic/\$9.95 international - shipping & handling included.

And the newest additions to the *RADIO*101* Series - An Introduction To The Numbers Stations, The Jolly Roger Flies Again and The Newcomer's Guide To RadioTalk! All also available from MoonBeam Press. \$4.25 each. An Information Sheet detailing computer applications for Shortwave Listening - or "How To DX With Your Computer" - and a

free catalog are available for the cost of a #10 SASE with \$.45 postage.

"Above Top Secret - The Worldwide UFO Cover-up," by Timothy Good, foreword by the former Chief of Defense Staff, Lord Hill-Norton, published by Quill. The most interesting thing in this book is the discussion about worldwide Intelligence Agencies and their objectives. It is also an excellent source of FOIA information.

The "Other" Numbers Book. Harry Helms' "The Underground Frequency Guide" includes active frequencies for Numbers Stations, smugglers and other shortwave mysteries. Available for \$7.95, shipping and handling included, from SWL/DX Press, 10606-8 Camino Ruiz, #174, San Diego, CA 92126.

A*C*E HEARD AROUND THE WORLD

Does this look familiar? Imagine my utter shock and amazement when reading rec.radio.shortwave just yesterday morning when the following filled my computer screen:

/Gateways/Usenet/rec/radio.shortwave/A.C.E. Newsletter - Feb.1990
14147.3.392.1 A.C.E. Newsletter - Feb.1990
2/15/90 19:01 PST 379/16k ka2raf@ka2qhd.UUCP
Lines 1 to 13 of 379 (38)
- - =*=-

THE LOS NUMEROS UPDATE

HAVANA MOON
117 W. Harrison Building
6th Floor, Suite H-319
Chicago, IL 60605

On the plum in flower
By my eave,
The pale moon hangs
At the dawning hour.

-- Tenro

BULLETIN

0157 UTC Monday, 01-21-90. "Foghorn" observed on the air-to-ground frequency of 6577 kHz. As if ARINC didn't already have enough trouble, what with Numbers transmissions and other types of jammers.

- - =*=-
page mail help top set go done transfer

Several A*C*E columns have been electronically distributed on the various information circuits in an effort to introduce covert and pirate radio fans to The A*C*E and to give them a flavor of what we have to offer. We've made it around the world, guys and gals! Hope it generates *LOTS* of new members!

Send your electronic reception reports via the following pathways: Internet: HAVANAMOON@cup.portal.com, Q-Link: HavanaMoon, and Fido-Net: Havana Moon 1/272:39.

* * * * *

Confidential To The Ladies - Would *YOU* like to win the YL Of The Month Title? It'll give you a chance to be The A*C*E YL Of The Year!

All it takes are intercepts to the Chicago address - or three new A*C*E Members - validated by Kirk. Hope to hear from each of you very soon!

And this month, folks - I'm sharing the byline with my very

favorite YL - Kristin Kaye - of UeL fame. She *ALWAYS* has the last word there with her column "Bits, Bytes and BBSs", so it's only fitting that I yield some space here to her here. Adelante, kk . . .

Thanks, HM!

Just a couple of things - I know you Pirate Chasers untiringly spend your lives in search of those elusive bandits of the spectrum - so here's *JUST* the thing for you!

Pirate Chasing By The Light Of The Smuggler's Moon the last Saturday night of the month - 8pm Pacific - with the Portal* Amigas.

We've made some incredible catches lately - including Radio Free Willy, Zodiac Radio and Radio Free Yesterday! All Dx'g by computer on HM's "Los Numeros" On-Line.

The mail drop circuit tells us we're reaching some pretty interesting fellas - never know who might join us for *Smuggler's Moon* - live on-line or on the radio! So call today and join us - where The Jolly Roger Flies Again! 408-973-9111 (9-5 PST).

Confidential to Martha - Don't send money or confide in the Moon. He's a rascal. 'sides - didn't you ever wonder about the *REAL* Amiga? Hmmm?? 0;>

88s

Would *YOU* like to have "The Last Word" in the next issue of The A*C*E? When you submit your reception reports, just tell me why you ought to have an opportunity to do just that! Waiting to hear from you. Stay tuned for a special report in April on some few French Numbers Stations and Numbers Stations which actually have callsigns!

Special thanks this month to James Ingram (CA) who continues to provide information about KKN44 frequencies. A special report coming in a future issue. And by the way, James, I'll see to it that Vito Fettucini breaks your fingers if that subscription to the A*C*E isn't in the mail by Thursday afternoon. Hear that, Fulford?

And thanks to all the YLs who wrote after LADIES DAY - keep those cards and letters coming! Thanks to Gerry Dexter of Tiare Publications, John Little, Rich MacKinnon and Carol Johnson of Portal* Communications, the SWL's On-Line System of choice and poor Alice Brannigan. And to The Amiga.

Rumors that Havana Moon and his partner John Fulford have been spotted at Wag's are based solely on hysteria.

See you at the Denny's on the Beach. Time now for a Tecate and . . .

Havana Moon y Amigas
33469

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=====

Rights vs. privilege

By Katherine Seigenbaler

Radio

The Federal Communications Commission calls it "pirate radio." The mavericks about "independent," The airwave mavericks call it "liberation radio." The FCC calls "illegal." The mavericks stations that do not have FCC licenses to operate, but do so anyway. There are who-knows-how-many such stations out there, broadcasting from garages, apartments, offices or perhaps a utility shed somewhere. Their reasons for existing are probe by as diverse operators, who held forth at the Guild Complex on North Lincoln Avenue last month as part of a panel discussion on radio censorship, said they broadcast because it is a right guaranteed them by the 1st Amendment. Their right of free speech they say, supersedes the FCC's raison d'être, which is to regulate the radio waves.

"I don't have a radio license," said Black Rose, who operates an unlicensed station in San Diego, Calif. "Why should I waive a right for a privilege?" "Who are they to tell me what I can and cannot say," said Dewayne Readus, of unlicensed WTRA-FM (107.1) in Springfield, Ill.

"Tony Fitzpatrick: More than bad words." Tony Fitzpatrick: "More than bad words."

It was clear that the five-member panel gathered in the Guild Bookstore, felt the FCC (FCC) personality, and Mr. Ebony, an associate of Black Rose.

Also participating were Lee Ballinger, associate editor of "Rock and Roll Confidential"; he was not speaking for WJUP, which the FCC fined recently for allegedly obscene remarks by deejays Steve Dan and Gary Meier. The FCC's position, said spokesman Bill Johnson, is that if the airwaves weren't regulated, stations would constantly be fighting over frequencies and interrupting each other. But, according to Readus and Black Rose, the FCC's purpose is to maintain the white, middle-class status quo of radio.

Readus' station, which he likes to say has little more power than a garage-door opener, operates out of the John Hey Homes in Springfield, and interferes with no other stations. The FCC, didn't know where he existed, he said, until he started holding on-air discussions about police brutality last January.

It was the Springfield police chief, Readus, who complained to the FCC about WTRA, which fined Readus \$750 for illegal broadcasting. He does not intend to pay, and is still on the air.

Readus and Black Rose claim that the FCC keeps the poor and minorities from broadcasting by making it prohibitively expensive to apply for a license.

Fitzpatrick made clear from the beginning that

to apply to demonstrate it has enough money to build or lease a station, plus pay about \$2,000 to cover the cost of processing the application.

"The effect," Readus said, "is to deny the poor and minorities the opportunity to communicate with each other without permission."

fined recently for allegedly obscene remarks by deejays Steve Dan and Gary Meier. "This has very little to do with shielding the public from bad words," Fitzpatrick said. "You're not even allowed to talk about the FCC on the radio. They are a regulatory commission that answers to nobody."

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But, according to Readus and Black Rose, the FCC's purpose is to maintain the white, middle-class status quo of radio.



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John's suggestion also opens up a theoretical Pandora's Box. If WSHB is broadcasting illegally to a USA target area, does that make them a pirate? Should Kirk Baxter print loggings of them in DiaLogs? Alan Weiner's KPF-941 auxiliary feeder on 1622 kHz was a licensed transmitter in 1984, but the FCC knocked it off the air by both rewriting their rules and by claiming that Weiner was not transmitting as a feeder to his licensed Maine target area. Is WSHB in a similar boat? This whole thing gets curioser and curioser as time goes by. However, I think that WSHB is to be applauded for its unusually vigorous cooperation with DX-ers in an introspective analysis of these issues. Stay tuned for more next month!

THANKS!

This month we thank direct contributors Bob Ross (Ontario), Rich D'Angelo (Pennsylvania), John T. Arthur (New York), Vince Havrlik (Florida), Bob German (South Carolina), and George Zeller (Ohio). My apologies also go to Don Bishop (Kansas) and Bob German for the inadvertent typo name confusion that we printed in the February column. Next month we hope to hear from **YOU** by March 17 for the April Clandestine Profile column.

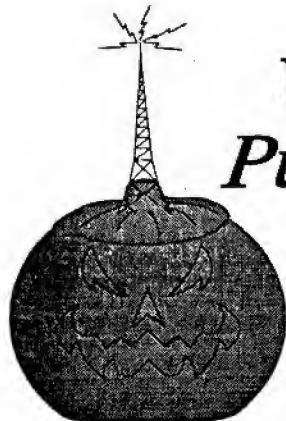
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for Orion write to: PO Box 1280, Rednal, Birmingham B45 8SQ, U.K.
{thanks for the info, Rian. Got any room aboard on your next
voyage? jta]

California's Mike McCrackin adds a second full data gold-on-red card from Zodiac Radio signed by Frank Marauder. Report was sent to the announced Hilo address, so the QSL took 142 days.

Ye Olde Editore eked out three more: a full data "wildlife" sheet (#183) from Radio USA signed by Mr Blue Sky (my 8th from them), a full data videotape QSL (#203) from Volaryngitis - 7415 signed by Stanley Huxley in about six weeks with a personal letter (my seventh from them), and a full data unsigned brand new green cannabis fiber card (#110) from KNBS - 7411 in two weeks (my fourth from them).

Best of DX and 73...



Voice Of The Purple Pumpkin QSL

Dear,
MR. YODER

We are pleased to confirm your reception of The Voice Of The Purple Pumpkin on a frequency of 73.75 kHz, at 2103 to 2141 UTC.
on 10-28-87 Transmitter power was 100 watts into a half-wave
dipole antenna.

73
I.M. Agoud
Chief Engineer

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At this time, it seems that WKND will not have to pay a fine, although the Commission is now giving out standard \$1000 fines for unlicensed broadcasting. The first \$500 was apparently knocked off for Radio Animal's compliance and honesty and the other \$500 eliminated in exchange for the 2 WKND transmitters. Maybe issuing the agents QSL cards paid off?

Unfortunately, the bust was a freak incident. FCC agents from Philadelphia were in his city (Pittsburgh, PA) inspecting unrelated interference problems. They received a call on 2/6 from one of the monitoring stations noting that the station was on. The Monitoring station found that whenever WKND operated on a weeknight, it was on 1620 only and the station usually appeared again the next night. So, an extra car was sent down from the Buffalo, NY Field office just in case the station lived up to its reputation. WKND did.

So, why WKND anyway? "I've been thinking about this from the late 70's. The whole RNI thing really solidified it. I had been working on small broadcasting things before that even. RNI came on and I started reading about pirates; you know, you can be into free radio without knowing anything about piracy. Like, you think you're the only one doing it. I went through a long period of that," said Radio Animal.

WKND, Weekend Radio, made its first official broadcast on 1621 kHz with 60 watts. For an antenna, 290 feet of aluminum wire from a television degaussing coil was held in the air with 15 helium balloons! Amazingly, this broadcast was heard with strong signals across most of the Eastern half of the country. The station continued with occasional broadcasts on 1621 throughout the year. A shortwave transmitter for 6240 kHz was added the next Spring: an ancient Heath HX-11 CW rig that the Animal picked up for \$10 and modified for AM modulation.

Now that WKND is gone, Radio Animal does not plan to get new equipment and resume pirating. Instead, he's considering a career in commercial broadcasting. "This station was entrepreneurial; I would do everything," said Radio Animal. "If I went commercial, I would be working for someone else, under house rules, so to speak. There'd be playlists and stuff I'd have to read. It wouldn't be as much fun, but at least I'd be making some money and I'd still be in radio. So, maybe something will come of that."

If you would like to get old reports verified from WKND or if you would just like to write to Radio Animal to express your sympathy, write: PO Box 628, Slanesville, WV 25444

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Miscellaneous strange stuff this month includes CW time pips, one per second, at 0711 2/17 on 7670 kHz—good signals here. Finally, here's one that's probably shortwave broadcast but is still puzzling nonetheless. On 7600 around 0500 Sundays, I and several others on Portal's *Los Numeros On-Line* have been hearing a female voice in an Oriental language with extended talk. The signal is beneath the time signal station here but is clearly audible. Is this a new broadcaster or what? Can Gerry Dexter ID it and get a QSL from it? Boy, I sure hope so...it would be awful if Don Jensen or Ralph Perry hear, ID, and QSL it (not necessarily in that order) before Gerry....he would have to put up with those annoying phone calls from them at weird hours going "Guess what I heard and QSLed??? Nah-ya-nah-ya-ya!!!!" Hey, big-time DXing is where no quarter is asked and none is given!

The 1990 edition of George Zeller's *Pirate Radio Directory* is here! If you're interested in the subject, you must have this book—period. It's only \$7.95 + \$2 shipping from Tiare Publications, Box 493, Lake Geneva, WI, 53147. When you order, tell them God made you do it. I also received a copy of the sixth edition of Bob Grove's *Shortwave Directory*. I guess I'm supposed to say something nice about it.....all right, here goes: I found it to be funnier than the Qu'ran and almost as accurate. Did I do okay, Bob???

Got a modem and PC? Then join me, Havana Moon, Kristin Kaye, and others Saturdays on the Portal communications system for real-time numbers/pirate chasing and lots of inside jokes the rest of you won't be able to figure out!! 73 until next month!!! REPORT!!!!!!

Harry

ASSOCIATION OF CLANDESTINE RADIO ENTHUSIASTS

P. O. Box 11201

Shawnee Mission, KS.

66207-0201

The A*C*E is an association of individuals who find pirate, clandestine and ~~covert~~ communications an interesting part of their radio listening hobby. The primary existence of the club revolves around the publication of a monthly bulletin, "The A*C*E". The bulletin reports on pirate, clandestine, covert and other unexplained broadcasts. Also, the readers are provided with other available material concerning motives, explanations and theories behind these various broadcasts and broadcasters. The ACE as an organization, does not encourage, support or condone any illegal activity, we simply seek to understand the nature and reasoning behind such broadcasts. If your interests include listening to pirate radio stations, clandestine broadcasts and covert communications, The A*C*E is for you!

Our Editors...

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Kirk Baxter Dialogs
Harry Helms Covert Corner
Havana Moon The Los Numeros Update
Andrew Yoder DX Clip Board
George Zeller Clandestine Profile

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